

RECORDS OF WELLS AND CHEMICAL ANALYSES OF GROUND
WATER IN HAND AND HYDE COUNTIES, SOUTH DAKOTA

By Kathleen M. Neitzert and Neil C. Koch

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CONTENTS

	Page
Introduction	1
Location-numbering system.	1

ILLUSTRATIONS

Figure 1. Map of South Dakota showing location of Hand and Hyde Counties	2
2. Well-numbering diagram.	3

TABLES

Table 1. Records of wells and test holes in Hand County	4
2. Records of wells and test holes in Hyde County	48
3. Chemical analyses of ground water in Hand and Hyde Counties. . .	65

RECORDS OF WELLS AND CHEMICAL ANALYSES OF GROUND WATER
IN HAND AND HYDE COUNTIES, SOUTH DAKOTA

By Kathleen M. Neitzert and Neil C. Koch

INTRODUCTION

Well and chemical ground-water data contained in tables 1, 2, and 3 were collected during a 4-year study started in 1972 to determine the geology and water resources of Hand and Hyde Counties (fig. 1). Additional data collected after the study was completed have been included in the tables. The purpose of this report was to provide hydrologic information needed for the orderly development of water supplies.

Physical, hydrologic, and geologic data for wells and test holes have been entered into computer storage in the Ground-Water Site-Inventory (GWSI) File of the U.S. Geological Survey's National Water Data Storage and Retrieval System (WATSTORE). The GWSI File is the national repository for data from sites where ground water has been, is, or can be withdrawn.

The chemical ground-water data recently has been entered into computer storage in the Water-Quality File. Water-quality data consisting of chemical, physical, biological, and radiochemical parameters are stored in the Water-Quality File. The Water Resources Division of the U.S. Geological Survey maintains these data bases.

In addition to its data processing, storage, and retrieval capabilities, WATSTORE has the capability of providing computer-printed tables, computer-printed graphs, statistical analyses of data, and digital plots. The tables in this report were computer-generated and printed, using the WATSTORE system.

LOCATION-NUMBERING SYSTEM

Sampling sites are numbered according to the Federal land-survey system of eastern South Dakota (fig. 2). The sampling site consists of township followed by "N," range followed by "W," and section number, followed by a maximum of four upper-case letters that indicate respectively, the 160-, 40-, 10-, and $2\frac{1}{2}$ -acre tract in which the well is located. These letters are assigned in a counterclockwise direction beginning with "A" in the northeast quarter. A serial number following the last letter is used to distinguish between wells in the same tract. Thus, well 112N70W9ACDD (fig. 2) is in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, sec. 9, T. 112 N., R. 70 W.

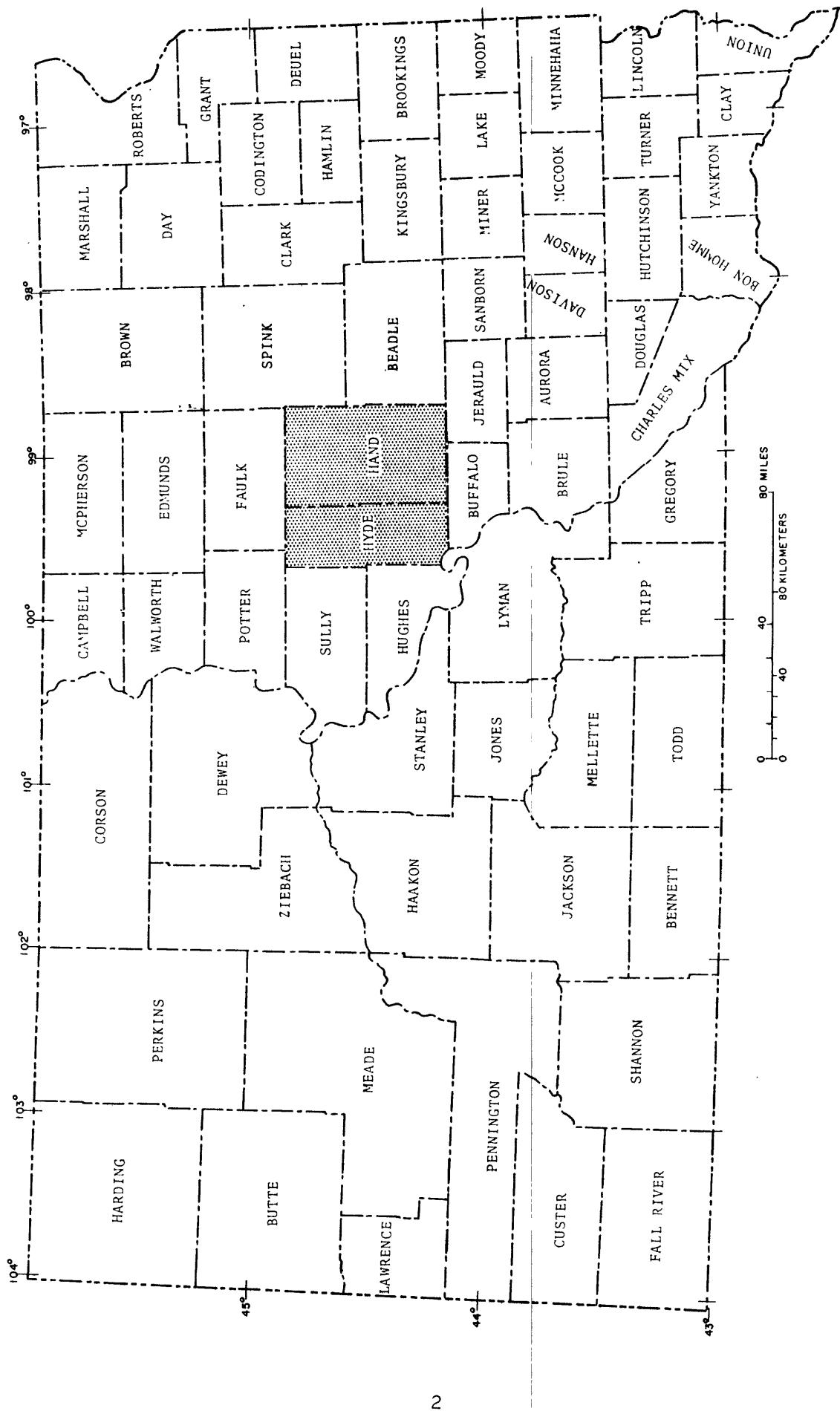


Figure 1.--Location of Hand and Hyde Counties.

Supplemental Information

Tables 1 and 2. -- Records of wells and test holes in Hand and Hyde Counties

Explanation

Use of Water

H - domestic	
U - unused	
S - stock	
P - public supply	
D - dewater	
I - irrigation	
T - institution	

Water level (feet)

Water level, in feet below or (+) above land surface
 F - flowing

	<u>Principal Aquifer</u>
112	BDCN Bad Cheyenne
112	EMCK Elm Creek
112	HGMB Highmore Blunt
112	PLSC Pleistocene
112	TULR Tulare
211	DKOT Dakota
211	CDLL Codell
211	GRNR Greenhorn
217	FLRV Fall River
221	SNDC Sundance
310	MNLS Minnelusa

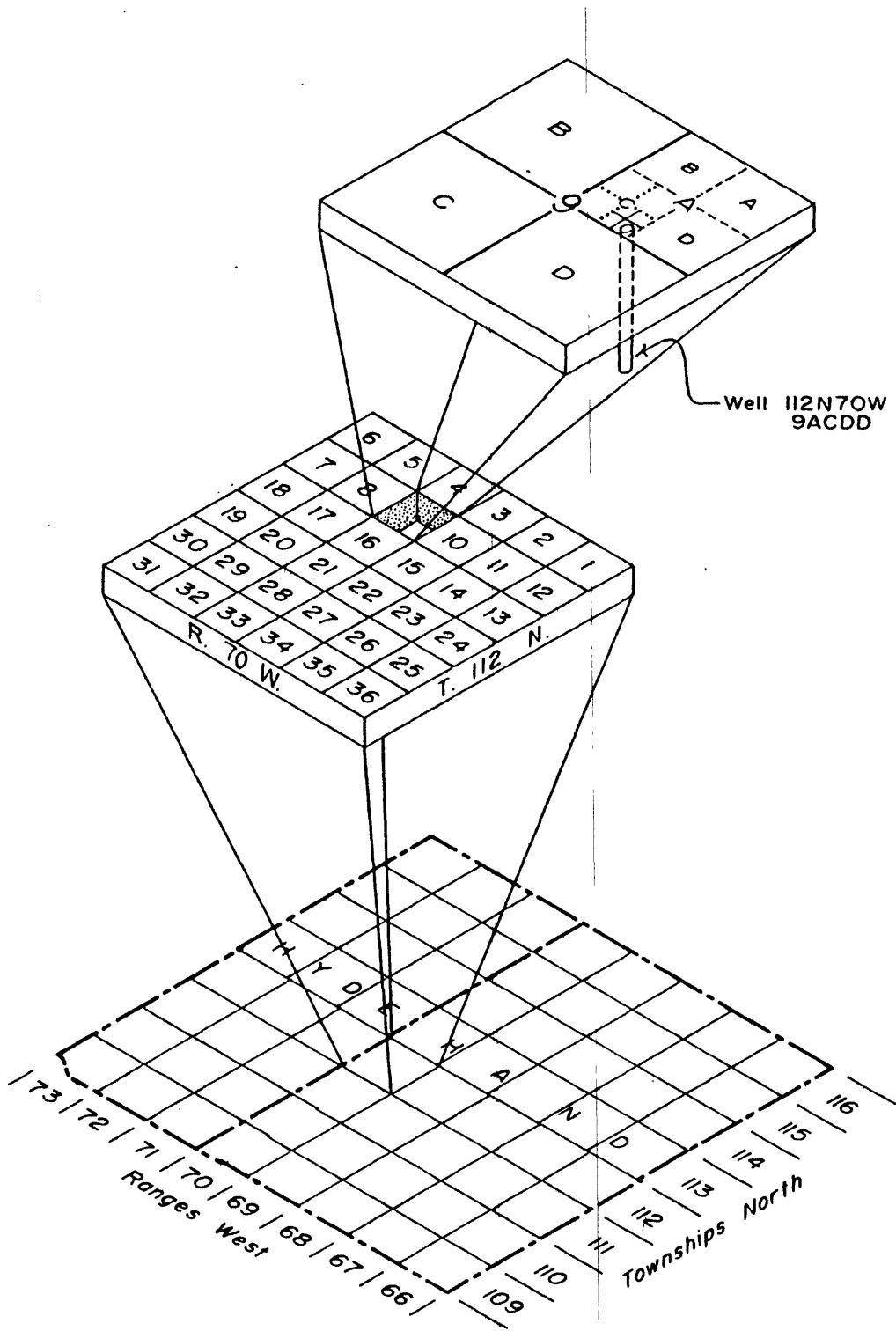


Figure 2.--Well-numbering diagram.

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109N66W 1AAAA	SDGS	112PLSC	65	--	1963	U	--	--	1533
109N66W 5AAAA	SDGS	112PLSC	215	--	1973	U	--	--	1822
109N66W 5B	WOODRUFF, VICTO	112PLSC	170	2.5	01/05/1983	H	86.00	01/05/1983	1800
109N66W 5C	WOODRUFF, VICTO	112PLSC	170	2.5	--	H	85.00	01/05/1973	1810
109N66W 7BBBB	SDGS	112PLSC	185	--	1973	U	--	--	1822
109N66W 7DDCC	D.TESTERMAN	112PLSC	96	18	--	H,S	44.00	08/ /1972	1830
109N66W1 2BDA	B.HOLTEY	112PLSC	4	--	--	H,S	F	08/ /1972	1700
109N66W1 2DDDD	USGS	112PLSC	12	--	1963	U	--	--	1650
109N66W1 3CAA	GOODALL, GARY	112PLSC	100	--	01/ /1982	--	--	--	1800
109N66W1 4AABC	B.HOLTEY	112PLSC	38	12	--	U	25.00	08/ /1972	1820
109N66W14BBBB	R.LAMLEY	112PLSC	182	3	02/24/1982	H	86.00	08/ /1972	1860
109N66W16BC	MILLER, CLYDE	112PLSC	138	5	--	H	40.00	02/24/1982	1800
109N66W16BCB	C.MILLER	112PLSC	60	3	1950	H	--	--	1880
109N66W17BAB	D.PAGEL	112PLSC	185	4	1971	H,S	--	--	1840
109N66W18CCCC	SDGS	112PLSC	140	--	1973	U	--	--	1870
109N66W18DD	H.HINS	112PLSC	125	4	1964	U	75.00	04/ /1974	1855
109N66W18DD2	H.HINS	112PLSC	175	4	1964	H,S	--	--	1855
109N66W19CDDC	A.WINTER	112PLSC	200	4	1962	S	--	--	1890
109N66W25DAC	KIEFFER, MIKE	112PLSC	260	8.75	03/11/1981	H	--	--	1845
109N66W25DC	KIEFFER, MIKE	112PLSC	22	24	08/20/1981	H	16.00	08/20/1981	1839
109N66W27CAAD	R.BERG	112PLSC	180	3	--	S	--	--	1930
109N66W28BCA	R.BELL	112PLSC	75	20	1965	H,S	49.00	08/ /1972	1920
109N66W29AB	TEVELDAL, OLAF	112PLSC	240	4	12/20/1974	H	80.00	12/20/1974	1800
109N66W29ABBD	TEVELDAL, O	211DKOT	1400	4	1967	H,S	400.00	08/ /1972	1905
109N66W29CD	TEVELDAL, LEONH	112PLSC	210	4	--	H	--	--	1800
109N66W29CD2	TEVELDAL, LEONH	112PLSC	100	4	07/08/1975	S	50.00	07/08/1975	1800
109N66W29CD3	TEVELDAL, LEONA	112PLSC	220	4	09/30/1975	H	160.00	09/30/1975	1800
109N66W29CD4	TEVELDAL, LEONA	112PLSC	70	--	09/22/1967	--	--	--	1800
109N66W30AAAD	T.KOTH	112PLSC	113	3	1967	H,S	--	--	1900
109N66W31AD	KOTH, RAYMOND	112PLSC	145	4	06/30/1975	S	55.00	06/30/1975	1800
109N66W31ADD	R.KOTH	112PLSC	80	--	1973	H,S	50.00	08/ /1972	1950
109N66W31CCCC	SDGS	112PLSC	155	--	1973	U	--	--	1975
109N66W32DDDD	SDGS	112PLSC	185	--	1973	U	--	--	1930
109N66W34DDDD	SDGS	112PLSC	110	--	1973	U	--	--	1910
109N66W35AAA	L.WATERS	112PLSC	30	36	--	H	9.64	08/23/1972	1870
109N67W 1DDCC	J.BEATTY	112PLSC	140	8	--	H,S	84.72	08/ /1972	1820
109N67W 2CBCC	SDGS	112PLSC	29	--	1973	U	--	--	1777
109N67W 3CCDD	WM.HARVEY	112PLSC	22	24	1971	H,S	12.00	08/ /1972	1795
109N67W 4AAAA	SDGS	112PLSC	185	--	1973	U	--	--	1865
109N67W 4CCCCA	SDGS	112PLSC	24	--	08/28/1973	U	--	--	1802

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109N67W 5CABC	SDGS	D.KECK	112PLSC	44	--	1973	U	--	--
109N67W 5DDAA	SDGS	L.WALLMAN	112PLSC	127	2	1956	H,S	--	1843
109N67W 5DBBB	SDGS	G.FORD	112PLSC	64	--	1973	U	--	1797
109N67W 5BDCB	SDGS	J.BEATTY	112PLSC	58	--	1973	U	--	1808
109N67W 7CC	EDWARDS, DAVE	SDGS	112PLSC	78	8.75	02/20/1984	H	22.00	1800
109N67W 7CCCC	B.CLEMENT	SDGS	112PLSC	90	24	1959	H,S	20.00	09/ /1972
109N67W 8AACD	SDGS	PARMLEY, WAYNE	112PLSC	110	18	--	H	19.00	08/ /1972
109N67W 8BCCD	SDGS	G.FORD	112PLSC	44	--	1973	U	--	1820
109N67W 9OADAA	SDGS	C.LEITKTE	112PLSC	100	16	--	U	54.00	08/ /1972
109N67W10DDDD	SDGS	L.HEITZMAN	112PLSC	18	--	1973	U	--	1788
109N67W13CD	TESTERMAN, PHIL	SDGS	112PLSC	201	4	05/01/1984	H,S	70.00	05/01/1984
109N67W14DD	SDGS	SDGS	112PLSC	150	4	11/07/1975	H,S	115.00	11/07/1975
109N67W15BCCC	SDGS	211DKOT	1505	4	--	1961	H,S	300.00	12/ /1961
109N67W19DDAA	SDGS	SDGS	112PLSC	117	2	--	H,S	--	1980
109N67W20BBAA	SDGS	L.HEITZMAN	112PLSC	254	4	1916	H,S	--	1960
109N67W20BBBA	HEITZMAN, LESLI	SDGS	112PLSC	268	5	10/15/1985	H	180.00	P
109N67W20DDDD	SDGS	F.LEITKTE	112PLSC	230	--	1973	U	--	--
109N67W24ACCC	SDGS	SDGS	211DKOT	1520	4	1967	S	400.00	08/ /1972
109N67W24ACCC2	SDGS	V.WINTER	112PLSC	100	3	--	S	20.00	08/ /1972
109N67W27ABA	SDGS	E.FASTNACHT	112PLSC	100	24	1951	H,S	80.00	08/ /1972
109N67W29ABBA	F.LEITKTE	SDGS	112PLSC	240	--	--	H	--	--
109N67W30BBBB	ANDERSON, JIM	SDGS	112PLSC	163	8.75	08/08/1981	H	95.00	08/08/1981
109N67W31	ANDERSON, JIM L	SDGS	112PLSC	130	8.75	07/08/1980	H	--	--
109N67W32DCDD	SDGS	R.COTTON	112PLSC	110	--	09/29/1985	S	100.00	P
109N67W33CDCC	SDGS	TEVELDAL, LEONA	112PLSC	286	4	--	I	6.00	--
109N67W35CCCC	SDGS	G.HIMS	112PLSC	95	--	1973	U	--	1950
109N67W35DADD	SDGS	R.IRWIN	112PLSC	128	24	1922	H,S	--	1953
109N68W 2BCBA	SDGS	R.IRWIN	112PLSC	183	4	1952	H	--	1923
109N68W 3DDAA	SDGS	R.IRWIN	112PLSC	160	3	1950	H	100.00	1962
109N68W 3DDAA2	SDGS	R.IRWIN	112PLSC	60	2	--	I	6.00	1970
109N68W 5BAB	H.MCCRALL	211DKOT	1490	4	--	1964	H,S	--	1980
109N68W 9BABAA	SDGS	SDGS	112PLSC	74	--	07/26/1974	--	--	1780
109N68W 9BABBB	SDGS	D.EDWARDS	112PLSC	18	18	--	H,S	12.00	08/ /1972
109N68W10DDDD	SDGS	PEASANT VALLEY	112PLSC	50	--	07/29/1983	H	10.00	1760
109N68W11B	SDGS	DROZ, LOWELL	112PLSC	62	--	--	--	--	1790
109N68W12AA	SDGS	SDGS	112PLSC	112	8.75	05/15/1981	D	84.00	1825
109N68W2DDAD	SDGS	W.GOODALL	112PLSC	69	--	1973	U	--	1835
109N68W3BABB	SDGS	E.GRAIN	112PLSC	20	24	--	S	6.00	08/ /1972
109N68W4BBCC	SDGS	JOHNSON, WALLAC	112PLSC	47	18	--	U	7.00	08/ /1972
109N68W17BB	SDGS	JOHNSON, WALLAC	112PLSC	100	4	--	H	--	1775

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109N68W19CBBB	L.YOST	112PLSC	35	18	1971	I	8.00	08/ /1972	1745
109N68W20ADD	S.GIMBEL	112PLSC	120	24	--	H,S	72.00	08/ /1972	1844
109N68W22DDDD	SDGS	112PLSC	95	--	1973	U	--	--	1927
109N68W25AAC	J.ANDERSON	112PLSC	303	4	1957	H	--	--	1980
109N68W26AA	ANDERSON, JIM	112PLSC	325	5	11/05/1985	H	180.00	11/05/1985	1960
109N68W27AADD	A.STAYER	112PLSC	68	18	07/14/1930	H,S	56.00	08/ /1972	1925
109N68W27DAAA	USGS	211DKOT	1477	--	1960	U	--	--	1931
109N68W32CCCC	USGS	112PLSC	77	--	1973	U	--	--	1785
109N68W34AADD	L.STEBBINS	112PLSC	14	24	1968	H	7.00	08/ /1972	1890
109N68W34DDDC	D.AMES	112PLSC	53	24	--	I	42.00	08/ /1972	1876
109N68W35CCCC	SDGS	112PLSC	50	--	1973	U	--	--	1880
109N68W35CDD	R.GRABIN	112PLSC	90	4	--	H	--	--	1895
109N68W36AAC	ANDERSON, JIM	112PLSC	325	5	11/05/1985	H	180.00 P	--	1950
109N68W36DDDC	SDGS	112PLSC	110	--	1973	U	--	--	1970
109N69W 1C	VOST	112PLSC	50	4	--	H	--	--	1800
109N69W 1DDCD	O.JOHNSON	211DKOT	1492	3	1955	H,S	280.00	09/ /1972	1850
109N69W 7AAAA	SDGS	112PLSC	155	--	1975	U	--	--	1918
109N69W11ADDD	A.HEEZEN	112PLSC	50	24	--	H,S	18.00	09/ /1972	1860
109N69W11CBBA	F.MCKENNEY	112PLSC	92	3	1942	H,S	60.00	09/ /1942	1880
109N69W14D	YOST, NEIL	112PLSC	175	8.75	07/03/1981	H	77.00	07/03/1981	1850
109N69W15D	STENSBOL, JENS	211DKOT	1192	2	1953	--	--	--	1850
109N69W17DCBA	C.DIXON	112PLSC	20	24	--	H,S	12.00	09/ /1972	1860
109N69W19CCCC	D.ZERFASS	112PLSC	70	24	--	H,S	36.00	09/ /1972	1848
109N69W20BB	V.KING	112PLSC	18	24	--	H	--	--	1850
109N69W24BABD	L.HEEZEN	112PLSC	32	48	--	H,S	9.00	09/ /1972	1752
109N69W24BCCB	D.ROBISSEN	112PLSC	97	18	1971	H,S	69.00	09/ /1972	1805
109N69W24CDC	T.JOHNSON	112PLSC	21	36	--	S	--	--	1735
109N69W24DDCC	USGS	112PLSC	52	--	1973	U	--	--	1755
109N69W25BAB	T.JOHNSON	112PLSC	30	36	1968	H	21.00	09/ /1972	1745
109N69W25BBBB	SDGS	112PLSC	80	--	1975	U	--	--	1746
109N69W26AABB	A.JOHNSON	112PLSC	86	24	1922	H	80.00	09/ /1972	1795
109N69W28DCCD	H.KENASTON	211DKOT	1400	3	1920	H,S	180.00	09/ /1972	1865
109N69W30DDDD	E.YOST	112PLSC	61	9	--	S	33.00	09/ /1972	1862
109N69W31CCCC	USGS	112PLSC	82	--	1973	U	--	--	1788
109N69W32DDDD	USGS	112PLSC	82	--	1973	U	--	--	1850
109N69W34C	COLLINS, GRANT	211CDLL	905	2	11/29/1963	--	F	--	1855
109N69W34DDDD	USGS	112PLSC	82	--	1973	U	--	--	1823
109N70W 1	PUFFER, JAMES	211DKOT	1422	--	--	--	--	--	1850
109N70W 1CDC	K.WERDEL	217FLRV	1900	5	1962	H,S	6.00	09/ /1962	1950
109N70W 4BABD	D.REIMAN	310MULS	1945	2	1962	H,S	201.00+	09/ /1972	1872

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109NT0W10BAAD	SDDS	112PLSC	95	--	1975	U	--	--	1894
109NT0W13ADA	V.KING	112PLSC	120	24	1964	S	100.00	09/ /1972	1900
109NT0W13ADA2	V.KING	112PLSC	28	24	1964	H	13.00	09/ /1972	1900
109NT0W13DA	JOST, WILLIE	112PLSC	48	8.75	02/24/1981	H	40.00	02/24/1981	1920
109NT0W14AA	J.HEEZEN	217FLRV	1875	5	1962	H	46.00+	09/ /1962	1895
109NT0W14CCDB	E.SHAW	112PLSC	60	24	--	H,S	52.00	09/ /1972	1905
109NT0W16ABA	COMO SCHOOL	112PLSC	20	24	--	P	11.00	09/ /1972	1865
109NT0W17A	KNIPPLING, PAUL	112PLSC	40	18	06/28/1979	S	25.00	06/28/1979	1800
109NT0W18DCD	P.WERDEL	112PLSC	38	36	1960	H,S	6.00	09/ /1972	1825
109NT0W19ABA	P.WERDEL	112PLSC	14	36	--	H,S	6.00	09/ /1972	1825
109NT0W21DADC	L.ETBAUER	112PLSC	26	24	1969	--	9.00	09/ /1972	1785
109NT0W25	GOODALL	112PLSC	56	18	07/03/1979	S	35.00	07/03/1979	1800
109NT0W25AAAD	E.YOST	112PLSC	18	24	--	H,S	10.00	09/ /1972	1805
109NT0W25CCAC	J.PUFFER	112PLSC	42	24	--	H	36.00	09/ /1972	1885
109NT0W25CCAC2	J.PUFFER	112PLSC	65	24	1963	H,S	30.00	09/ /1972	1885
109NT0W28ABA	J.ETBAUER	112PLSC	18	4	--	H,S	6.00	09/ /1972	1780
109NT0W28DBC	USBR	112PLSC	21	--	1953	U	--	--	1754
109NT0W31CCD	USBR	112EMCK	21	--	1953	U	--	--	1783
109NT0W33C	USBR	112EMCK	30	--	1968	U	--	--	1725
110N66W 1AAC	STIEVERS, HENRY	112TULR	60	24	--	H,S	45.00	1973	1434
110N66W 1AD	L.LICHTY	112TULR	38	18	--	H,S	32.00	04/ /1946	1470
110N66W 1BBB	G.SIEVERS	112TULR	64	18	--	H,S	52.00	08/ /1948	1470
110N66W 2BBBB	SDDS	112TULR	50	--	1973	U	--	--	1520
110N66W 3DD	S.MARTENS	112TULR	12	48	--	S	4.00	08/ /1948	1610
110N66W 4BBBB	SDDS	112BDCN	305	--	1973	U	--	--	1780
110N66W 4DD	G.HORSLEY	112TULR	34	--	1962	H,S	30.00	08/ /1948	1710
110N66W 4DD2	HORSLEY, WAYNE	112TULR	54	8.75	05/05/1981	H	33.00	05/05/1981	1710
110N66W 5A	MARTENS, STANLE	112TULR	103	4	10/10/1980	--	--	--	1770
110N66W 5BAB	N.PALMER	112TULR	26	18	--	S	4.00	08/ /1948	1800
110N66W 5BBBB	PALMER, NOVA	211DKOT	1580	2	12/29/1980	--	310.00	12/29/1980	1815
110N66W 6BBBB	USGS	112BDCN	457	2	1973	U	--	--	1815
110N66W 6BBBB2	USGS	112TULR	20	2	1973	U	--	--	1815
110N66W 6CBC	J.ROWEN	112TULR	70	18	--	H,S	45.00	08/ /1948	1810
110N66W 7CBC	E.LETSCHE	112TULR	71	18	--	H,S	39.00	08/ /1948	1810
110N66W 7CCB2	E.LETSCHE	112TULR	65	18	--	S	7.00	08/ /1948	1800
110N66W 7CCB3	E.LETSCHE	112TULR	65	--	--	S	40.00	--	1800
110N66W 8CDC	MOELLER, E	112TULR	30	24	--	S	8.00	08/ /1948	1750
110N66W10CDC	J.ALLEN	112TULR	40	--	--	H,S	30.00	08/ /1948	1730
110N66W11CAD	W.MCNEIL	112TULR	34	24	--	U	3.00	08/ /1948	1560

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER MEASURED	ALTITUDE OF LAND SURFACE (FEET)
110N6W12AAA	W.DUXBURY DUXBURY, DAVID	112TULR	60	24	--	H,S	30.00	08/ /1948	1465
110N6W12BDDD	M.CNEIL, C.	112BDCN	100	--	--	U	--	--	1478
110N6W13BCA	B.DUXBURY	112TULR	14	24	--	H	9.00	08/ /1948	1510
110N6W13BCA2	C.MCNEIL	211DKOT	997	4	--	U	28.00	08/ /1948	1510
110N6W13BCB	B.DUXBURY	211DKOT	1100	--	1973	H,S	28.00	1973	1510
110N6W13BCCC	SDGS	112TULR	33	--	1973	U	--	--	1510
110N6W13DDA	E.SANSEL	112TULR	17	48	--	H,S	11.00	08/ /1948	1480
110N6W14AAA	SDGS	112TULR	28	--	1973	U	--	--	1510
110N6W14BABC	SDGS	112TULR	39	--	1973	U	--	--	1630
110N6W14DA	W.MCNEIL	112TULR	30	--	--	H,S	10.00	--	1520
110N6W17AABB	SDGS	112PLSC	28	--	1973	U	--	--	1728
110N6W17AAD	W.TROTH	112PLSC	19	18	--	U	5.00	08/ /1948	1720
110N6W17CAA	W.TROTH	112PLSC	90	--	1962	H,S	45.00	08/ /1948	1730
110N6W18AD	MOLLER, GENE	112PLSC	80	--	05/31/1960	--	--	--	1830
110N6W18BDC	J.HALEN	112PLSC	77	18	--	H,S	29.00	08/ /1948	1790
110N6W18BDD	J.HALEN	112PLSC	42	18	--	--	6.00	08/ /1948	1780
110N6W18DBA	L.CHERCUS	112PLSC	80	4	--	H,S	50.00	08/ /1948	1770
110N6W19BCC	E.BITTERMAN	112PLSC	68	18	--	H,S	25.00	08/ /1948	1800
110N6W19CDDD	SDGS	112PLSC	39	--	1973	U	--	--	1788
110N6W19DAC	I.CHERCUS	112PLSC	20	18	--	H,S	14.00	08/ /1948	1780
110N6W19DCCD	SDGS	112PLSC	29	--	1973	U	--	--	1788
110N6W20AABA	SDGS	112PLSC	29	--	1973	U	--	--	1783
110N6W20BCBB	SDGS	112PLSC	29	--	1973	U	--	--	1778
110N6W20DCD	A.CROSSMAN	112PLSC	34	--	--	H,S	6.00	--	1760
110N6W20DDA	A.MCINNIS	112PLSC	52	24	--	S	9.00	08/ /1948	1750
110N6W20DDAA	ANSON	112PLSC	1495	--	01/27/1981	--	--	--	1755
110N6W21BAB	A.PEVESTORF	112PLSC	80	20	--	U	40.00	08/ /1948	1770
110N6W21CBC	B.ROSS	112PLSC	18	--	--	--	5.00	08/ /1948	1750
110N6W22DD	K.FISHER	112PLSC	16	18	--	H,S	15.00	08/ /1948	1700
110N6W22DD2	K.FISHER	112PLSC	44	24	--	S	10.00	08/ /1948	1700
110N6W23CCA	W.MCGILLVARY	112PLSC	39	18	--	H,S	12.00	08/ /1948	1720
110N6W24BAB	J.DUXBURY	211DKOT	1043	3	1934	H,S	120.00	08/ /1948	1550
110N6W24BAB2	B.DUXBURY	112PLSC	20	--	1940	H,S	--	--	1550
110N6W24CA	F.DUXBURY	211DKOT	1020	1	--	H,S	60.00	08/ /1948	1530
110N6W28CC	K.GIBBARD	112PLSC	130	5	--	H,S	100.00	08/ /1948	1774
110N6W28DBA	C.MCGILLVARY	112PLSC	65	18	--	H,S	5.00	08/ /1948	1800
110N6W30ADA	A.STUBBS	112PLSC	79	18	--	S	70.00	08/ /1948	1780
110N6W30BBC	F.TESTERMAN	112PLSC	37	--	--	H,S	17.00	08/ /1948	1810
110N6W31B	TEVELDAL	112PLSC	220	--	06/17/1965	--	180.00	06/18/1965	1790
110N6W31B2	TEVELDALE, OLAF	112PLSC	182	3	06/21/1965	--	137.00	06/24/1965	1800

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
								WATER LEVEL (FEET)	WATER LEVEL (FEET)
110N66W31DA	MOSER, RICHARD	112PLSC	21	2	03/28/1959	--	--	08/ /1948	1772
110N66W31DAA	M.MARTIN	112PLSC	14	2	--	H,S	8.00	1760	
110N66W31DD	MOSER, RICHARD	112PLSC	206	8.75	06/22/1982	H,S	45.00	06/22/1982	1780
110N66W32CBB	A.JOHNSON,	112PLSC	33	--	--	H,S	19.00	08/ /1948	1770
110N66W33AB	E.NOYES,JR.	112PLSC	100	--	--	H,S	95.00	08/ /1948	1795
110N66W35AAA	GRAVILLE, L	211DKOT	1100	4	--	H,S	--	--	1665
110N66W35AAA	R.PALMER	211DKOT	1250	--	1952	--	--	--	1664
110N66W35AAA2	L.GRAVILLE	211DKOT	1228	2	--	S	155.00	03/ /1959	1665
110N66W36A	A.JOHNSON	211DKOT	1060	2	--	40.00	12/ /1952	1540	
110N66W36ACB	A.JOHNSON	112PLSC	39	24	--	H	7.00	08/ /1948	1560
110N66W36ACB2	F.DUVEREY	112PLSC	40	6	--	S	10.00	08/ /1948	1560
110N66W36DB	M.MORIARTY	112BDCN	27	18	--	S	7.00	08/ /1948	1540
110N67W 2-BBAB	SDGS	112BDCN	305	30	1969	S	240.00	09/ /1972	1800
110N67W 4-BBBB		112BDCN	425	--	1973	U	--	--	1795
110N67W 5-ADD	E.WILL	112PLSC	160	3	1952	U	--	--	1800
110N67W 7B	KELLER, C	211DKOT	1066	--	09/ /1925	--	F	--	1815
110N67W 7C	VAN ZEE, LARRY	211DKOT	1457	2.5	08/18/1976	H	250.00	08/18/1976	1820
110N67W 7CBBB2	VAN ZEE, LARRY	211DKOT	1450	5	08/ /1976	H,S	279.45	05/05/1977	1842
110N67W 11-ADD	M.MORIARTY	112PLSC	100	18	1932	H,S	57.00	09/ /1972	1840
110N67W12CC	PALMER, RAY	112PLSC	70	--	12/04/1970	H	--	--	1860
110N67W12CC2	PALMER, NOVA	112PLSC	102	1.25	1961	--	--	--	1860
110N67W13CDCD	SDGS	112PLSC	9	--	1973	U	--	--	1800
110N67W13DAAD	SDGS	112PLSC	29	--	1973	U	--	--	1802
110N67W15CCCC	SDGS	112PLSC	260	--	1973	U	--	--	1870
110N67W18DDCC	G.KANE	112PLSC	120	15	1962	H,S	70.00	09/ /1972	1865
110N67W21ABB	J.PARMELY	112PLSC	128	30	1953	H,S	87.00	09/ /1972	1875
110N67W21BAB	PARMELY, JAMES	112PLSC	160	--	12/05/1983	H	87.00	12/05/1983	1800
110N67W23AAD	H.JENSEN	112PLSC	80	18	--	H,S	42.00	09/ /1972	1830
110N67W24CDDD	SDGS	112PLSC	29	--	1973	U	--	--	1792
110N67W25AABB	H.JENSEN	112PLSC	15	24	--	H,S	4.00	09/ /1972	1800
110N67W27BAA	R.MCGARTNEY	211DKOT	1500	4	--	H,S	300.00	--	1870
110N67W29ADA	E.BRANDENBURG	112PLSC	140	15	1964	H,S	64.00	09/ /1972	1870
110N67W33DAAD	M.KECK	112PLSC	123	2	--	S	--	--	1890
110N67W34BCBC	M.KECK	112PLSC	130	4	1971	H,S	90.00	09/ /1972	1890
110N67W35ABDC	D.MCGARTNEY	112PLSC	68	24	1951	H,S	31.00	09/ /1972	1840
110N68W 4-CCCD	R.ESCHENBAUM	112PLSC	111	24	1939	H,S	65.00	09/ /1972	1908
110N68W 5AADC	P.ENGELMANN	112PLSC	155	18	1969	U	61.00	09/ /1972	1910
110N68W 5BAA	ENGELMANN, KARL	112PLSC	115	8.75	06/05/1981	H	88.00	06/05/1981	1912
110N68W 6-BBBB	SDGS	112PLSC	185	--	1973	U	--	--	1956
110N68W 7BB	ENGELMANN, JOHN	112PLSC	160	--	06/05/1981	--	--	--	1978

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
110N68W11AAC	JOHNSON, CLIFFO	112PLSC	217	5	10/11/1985	H	70.00 P	--	1830
110N68W3CBB	J.RUFF	112PLSC	26	24	--	U	8.00	09/ /1972	1885
110N68W4DA	J.RUFF	112PLSC	257	5	1959	U	--	--	1900
110N68W4DA2	J.RUFF	112PLSC	200	5	1959	U	--	--	1900
110N68W5AAA	SDGS	112PLSC	185	--	1973	U	--	--	1895
110N68W15AAC	F.HACKETT	112PLSC	126	2	--	H	110.00	09/ /1972	1905
110N68W5DD	SUNSHINE BIBLE,	112PLSC	129	5	06/28/1982	H	92.00	06/28/1982	1915
110N68W15DDCB	SUNSHINE BIBLE,	211DKOT	1565	6	1961	P	300.00	09/ /1961	1920
110N68W15DDCB2	SUNSHINE BIBLE,	211DKOT	1670	5	1966	P	150.00	09/ /1972	1920
110N68W7BBAB	P.ENGELMANN	112PLSC	120	24	1948	H,S	60.00	09/ /1972	1980
110N68W9CDDD	SDGS	112PLSC	95	--	--	U	--	--	2070
110N68W20BBA	GRUNEWALDT, LEO	211GRNR	1210	--	08/23/1982	H	55.00	08/23/1982	1995
110N68W20D	BASKER, ISAAK	211DKOT	1504	1.25	08/15/1923	--	--	--	1945
110N68W23BB	FAWCETT, WAYNE	112PLSC	275	8.75	12/30/1980	H	130.00	12/30/1980	1918
110N68W24BCB	W.FAWCETT	112PLSC	140	24	1964	S	112.00	09/ /1972	1900
110N68W27AAA	SDGS	112PLSC	200	--	1973	U	--	--	1934
110N68W29DA	S.REESE SR.	211DKOT	1532	3	1952	H	260.00	10/ /1952	1915
110N68W31CCCC	SDGS	112PLSC	1115	--	1973	U	--	--	1925
110N68W3ADDD	D.DEARBORN	112PLSC	90	24	--	U	81.00	09/ /1972	1900
110N68W33DCC	D.DEARBORN	112PLSC	7	48	--	S	3.00	09/ /1972	1800
110N68W4CAB	D.DEARBORN	112PLSC	240	2	--	H,S	90.00	09/ /1972	1895
110N69W3AAA	SDGS	112PLSC	155	--	1973	U	--	--	1930
110N69W4BBBB	SDGS	112PLSC	80	--	1973	U	--	--	1950
110N69W6AAD	V.RHODEN	112PLSC	69	24	--	U	36.00	09/ /1972	1992
110N69W6BBBB	SDGS	112PLSC	125	--	1973	U	--	--	1970
110N69W8BB	ENGELMANN, GEOR	112PLSC	160	--	06/08/1981	--	--	--	1946
110N69W8C	COLLINS, CLYDE	211DKOT	1530	1.5	07/31/1926	U	--	--	1950
110N69W11CCCC	B.TAYLOR	211DKOT	1565	2	1955	S	260.00	12/ /1956	1945
110N69W3ABA	M.WARING	211DKOT	1575	4	1961	U	300.00	09/ /1972	1950
110N69W15	WAGNER, DON	112PLSC	181	8.75	12/17/1980	H	--	--	1925
110N69W5ACD	T.GROGAN	112PLSC	67	24	07/29/1923	H,S	40.00	09/ /1972	1930
110N69W7A	HUFF	211DKOT	1515	1.5	1962	U	--	--	1925
110N69W20DAB	B.VONEYE	211DKOT	1700	5	1962	H,S	--	--	1915
110N69W24CBBB	B.WAGNER	112PLSC	90	24	--	H,S	51.00	09/ /1972	1980
110N69W24DDC	CHRISTOPHERSON	112PLSC	80	24	--	H,S	41.00	09/ /1972	1880
110N69W26CCCB	H.HULSMAN	112PLSC	93	24	--	H,S	41.00	09/ /1972	1895
110N69W28CBC	C.SHAFNER	112PLSC	30	24	--	H	10.00	09/ /1972	1895
110N69W3DDA	L.BLAZEG	112PLSC	180	4	--	--	--	--	1900
110N69W31BB	WARING, RONALD	112PLSC	160	--	10/21/1983	H	140.00	10/21/1983	1800
110N69W31BAA	R.WARING	310MNL	1880	1	1962	H,S	62.00+	09/ /1972	1902

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
110N69W35AADD	W. STEVENS	112PLSC	38	24	1955	H	30.00	09/ /1972	1942
110N69W36DDDD	SDGS	112PLSC	155	--	1973	U	--	--	1925
110N70W 1CBC	T. BLAKE	112PLSC	120	24	--	H,S	101.00	09/ /1972	1953
110N70W 4AAB	D. LAWLER	112PLSC	100	15	--	H,S	--	--	1930
110N70W 5CCDD	USGS	112EMCK	75	--	1973	U	--	--	1830
110N70W 5CDA	USGS	112EMCK	37	1	1973	U	10.00	09/ /1973	1820
110N70W 9ABBB	W. RODMAN	112PLSC	96	24	10/16/1965	H,S	94.00	09/ /1972	1920
110N70W 12CC	WEIDENBACH, ROL	112PLSC	70	--	--	--	--	--	1940
110N70W 13CCB	R. ROGERS	112PLSC	57	--	--	U	28.00	09/ /1972	1920
110N70W 4BBA	S. WEIDENBACH	112PLSC	80	--	--	H	--	--	1945
110N70W 14BCCA	ROGEN, ORVAL	112PLSC	160	5	11/02/1986	H	100.00 P	--	1925
110N70W 4CCB	T. JENNINGS	112PLSC	72	18	--	U	58.00	09/ /1972	1920
110N70W 5A	I. KOPECKY	211DKOT	1482	2	1964	--	--	--	1940
110N70W 15AAA	I. KOPECKY	112PLSC	145	4	1959	H	107.00	09/ /1970	1940
110N70W 8ABAD	J. HALL	112EMCK	60	--	1922	H,S	30.00	09/ /1972	1815
110N70W 18CAB	USGS	112EMCK	67	--	1973	U	--	--	1810
110N70W 19BBB	FAWCETT, R	112EMCK	28	30	1945	S	--	--	1785
110N70W 20CCC	O. PARMELY	112PLSC	73	24	--	H	50.00	09/ /1972	1900
110N70W 25BBC	O. ROGERS	112PLSC	63	24	1950	H,S	41.00	09/ /1972	1920
110N70W 28DDA	C. HARVEY	112PLSC	80	24	--	U	47.00	09/ /1972	1925
110N70W 32DDDD	C. HARVEY	112PLSC	45	--	1956	U	23.00	09/ /1972	1882
110N70W 33BBBB	C. HARVEY	112PLSC	27	24	10/28/1964	H,S	15.00	09/ /1972	1863
110N70W 35CC	BLASEG, WALT	112PLSC	108	--	--	--	--	--	1960
111N66W 1ABB	CEMETERY	112TULR	19	18	--	I	14.00	07/ /1948	1410
111N66W 1ADD	D. MURPHY	112TULR	20	24	--	U	7.00	09/ /1948	1410
111N66W 2AAA	SDGS	112TULR	59	--	1973	U	--	--	1410
111N66W 2CBCC	SDGS	112TULR	28	--	1973	U	--	--	1452
111N66W 2CCDD	SDWR	112PLSC	32	--	--	--	--	--	1420
111N66W 2CDC	R. BURNS	112TULR	22	18	--	U	10.00	07/ /1949	1410
111N66W 2D	FISHER BROS	217FLRV	1246	1.25	--	--	105.00	07/ /1943	1420
111N66W 2DD	SWINDLER, LARRY	211DKOT	1170	5	11/30/1980	--	11.60+	11/30/1980	1425
111N66W 2DDD	T. FISHER	112TULR	24	--	--	S	17.00	07/ /1948	1420
111N66W 2DDDD	T. FISHER	112TULR	26	24	--	--	14.00	07/ /1948	1420
111N66W 3CCD	M. ALARIE	211DKOT	1168	2	1947	H,S	F	07/ /1948	1490
111N66W 4A	ENTERPRISES, BA.	112BDCN	200	--	--	U	--	--	1490
111N66W 4AAAA	D. ALARIE	112BDCN	174	--	1976	U	--	--	1480
111N66W 5BAD	D. ALARIE	112PLSC	25	30	--	U	14.00	07/ /1948	1560
111N66W 5BBC	J. MAJOR	211DKOT	1210	5	1972	H	102.00	11/ /1972	1600
111N66W 5BCB	G. MAJOR	112PLSC	20	48	--	H	11.00	07/ /1948	1595
111N66W 5BCB2	G. MAJOR	112PLSC	16	48	--	S	8.00	07/ /1948	1610

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N66W 5DAD	E.ROWEN	112PLSC	20	18	--	S	4.00	07/ /1948	1540
111N66W 6AABD	G.MAJOR	112PLSC	20	30	--	H,S	8.00	07/ /1948	1625
111N66W 7DA	O.HART	112PLSC	100	24	--	S	74.00	07/ /1948	1780
111N66W 7DADA	L.PARMELY	211DKOT	1520	4	1961	H,S	--	--	1780
111N66W 8AADD	E.ROWEN	211DKOT	1155	1	--	U	80.00	07/ /1948	1590
111N66W 8AADD2	ROWEN, E SDGS	211DKOT	1220	5	1968	H,S	60.00	1974	1590
111N66W 9ADAA	F.LICHTY	112TULR	33	--	1973	U	--	--	1510
111N66W 9C	LICHTY, RAYMOND	211DKOT	1140	--	1954	--	--	--	1505
111N66W 9D *	F.LICHTY	211DKOT	1145	5	02/26/1982	--	--	--	1490
111N66W 9DA	R.CLARKE	211DKOT	1300	3	1947	H,S	F	08/ /1948	1500
111N66W 9DADA	LICHTY, RAYMOND	211DKOT	1145	2	02/22/1982	--	--	--	1509
111N66W 10AAB	C.PRENTICE	112TULR	20	18	--	S	9.00	07/ /1948	1450
111N66W10AAB2	C.PRENTICE	112TULR	34	24	--	S	14.00	07/ /1948	1455
111N66W11ABBB	VAN ASPEREN, A	112TULR	40	18	--	H,S	20.00	07/ /1946	1426
111N66W11BABB	R.CLARKE	112TULR	28	24	--	H,S	18.00	07/ /1948	1418
111N66W11BBAA	CLARKE, BRUCE	112TULR	71	5	08/28/1986	H	13.00 P	--	1405
111N66W11BBBA	SDGS	112TULR	25	--	1973	U	--	--	1435
111N66W12CBC	R.CLARKE	112TULR	46	18	--	U	23.00	07/ /1948	1435
111N66W12DAAA	USGS	112TULR	47	--	1963	--	6.00	07/ /1963	1422
111N66W13BCCA	F.LENNON	112TULR	33	24	--	H,S	17.00	07/ /1948	1430
111N66W13DA	F.LENNON	112TULR	19	24	--	S	8.00	07/ /1948	1430
111N66W13DDCC	SDGS	112TULR	29	--	1973	U	--	--	1455
111N66W13DDDD	USGS	112TULR	52	--	1962	U	--	--	1440
111N66W14A	R.MEHLING	112BDCN	80	--	1976	U	--	--	1430
111N66W14A	MEHLING, RICHAR	112BDCN	70	--	05/25/1976	--	25.00	05/25/1976	1430
111N66W14DBDC	MEHLING, RICHAR	112BDCN	70	--	--	U	--	--	1437
111N66W14DCCC	SDWR	112BDCN	122	--	--	--	--	--	1453
111N66W14DDDD	SDGS	112BDCN	125	--	1976	U	--	--	1432
111N66W15DDDD	L.MCKEE	112PLSC	25	24	--	H,S	15.00	07/ /1948	1480
111N66W16CCD	ALARIE, A	112PLSC	12	60	--	S	--	--	1600
111N66W18AAC	W.HART	112PLSC	69	24	05/28/1981	H,S	62.00	08/ /1948	1835
111N66W18AC	YAGER, RALPH	112PLSC	70	--	--	--	--	--	1834
111N66W19D	VAUGHN, CORT	211GRNR	1033	1.25	--	H,S	54.00 F	05/15/1962	1870
111N66W19DD	VAUGHN, R	112PLSC	80	18	--	H,S	54.00	08/ /1948	1850
111N66W21C	VAN ASPEREN, HE	211DKOT	1260	2	04/07/1975	--	25.00	04/07/1975	1570
111N66W21CC	VAN ASPEREN, H	112PLSC	45	--	--	S	42.00	08/ /1948	1750
111N66W21CCBD	VAN ASPEREN, H	112PLSC	17	--	--	--	5.00	08/ /1948	1700
111N66W21CCCA	VAN ASPEREN, H	211DKOT	1424	4	1964	H,S	140.00	08/ /1964	1700
111N66W22BDA	J.RUDDY	112PLSC	18	24	--	H,S	8.00	07/ /1948	1520
111N66W23	MEHLING, RICHAR	112TULR	88	--	09/17/1976	--	D	--	1460

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N66W23A	KRUTZFIELD, H J	112BDCN	124	4	12/08/1981	--	F	--	1450
111N66W23AAAA	MEHLING, JERRY	112BDCN	120	16	03/16/1982	27.00	03/16/1982	1435	
111N66W23ABBA	SDGS	112TULR	29	--	1973	U	--	--	1440
111N66W23ABC	MEHLING, RICHAR	112BDCN	130	--	--	U	--	--	1447
111N66W23CDCAC	R. MEHLING	112TULR	60	4	1971	U	37.00	08/ /1971	1475
111N66W23CDBB	J.PETERSON	112TULR	28	29	--	S	11.00	08/ /1948	1475
111N66W23CDB2	J.PETERSON	112TULR	27	24	--	U	20.00	08/ /1948	1475
111N66W23DAAD	SDGS	112TULR	29	--	1973	U	--	--	1453
111N66W23DDDA	SDGS	112TULR	29	--	1973	U	--	--	1455
111N66W24CCCC	C.HALEN	112TULR	40	--	--	H,S	32.00	07/ /1948	1450
111N66W24DA	V.CROSSMAN	112TULR	13	36	09/16/1981	S	3.00	07/ /1948	1410
111N66W25A	MEHLING, RICHAR	112BDCN	160	--	--	H	24.00+	--	1440
111N66W25AAC	R.MEHLING	211DKOT	1205	2	--	U	--	04/ /1973	1440
111N66W25A2	MEHLING, JERRY	112BDCN	140	--	09/16/1981	--	--	--	1440
111N66W25BBB	V.CROSSMAN	112TULR	42	24	--	H	32.00	07/ /1948	1450
111N66W25BBB2	V.CROSSMAN	112TULR	42	15	--	H,S	22.00	07/ /1948	1460
111N66W25CBB	L.LIGHTY	112PLSC	45	18	--	U	34.00	07/ /1948	1450
111N66W26AAA	O.LIGHTY	112PLSC	41	24	--	H,S	27.00	08/ /1948	1470
111N66W26BAB	O.LIGHTY	211DKOT	1195	5	1966	H,S	F	1974	1470
111N66W26BAB	O.LIGHTY	112PLSC	36	24	--	S	23.00	08/ /1948	1470
111N66W26BCC	O.LIGHTY	112PLSC	15	48	--	U	10.00	07/ /1948	1490
111N66W26C	MEHLING, JERRY	112BDCN	130	4	02/15/1982	--	26.00	02/15/1982	1485
111N66W26D	MEHLING, ROY	112BDCN	153	16	04/09/1982	--	--	--	1460
111N66W26DAA	J.PETERSON	112PLSC	33	18	--	U	25.00	07/ /1948	1455
111N66W26DDA	MEHLING, ROY	112BDCN	148	--	09/17/1981	--	--	--	1450
111N66W26D2	MEHLING, ROY	112BDCN	148	--	12/14/1981	--	--	--	1455
111N66W26D3	MEHLING, ROY	112BDCN	152	4	--	S	--	--	1455
111N66W27ADAD	R.MEHLING	211DKOT	1280	4	1959	H,S	--	--	1495
111N66W27ADAD2	R.MEHLING	211DKOT	1263	2.5	1971	H,S	17.00	11/ /1971	1495
111N66W27DDAD	E.PHILLIPS	112PLSC	55	18	--	H,S	18.00	07/ /1948	1500
111N66W28AAD	E.MCNAILR	112PLSC	23	24	--	U	6.00	08/ /1948	1565
111N66W28DD	J.CABLE	112PLSC	64	24	--	S	52.00	08/ /1948	1590
111N66W28DD2	J.CABLE	112PLSC	50	18	--	S	18.00	08/ /1948	1590
111N66W29ABC	VAN ASPEREN, A	112PLSC	62	24	--	H,S	48.00	08/ /1948	1810
111N66W29BD	VAN ASPEREN, A	112PLSC	52	24	--	H,S	71.00	--	1850
111N66W30DDA	F.DELRAUX	112TULR	137	24	1964	H,S	45.00	08/ /1948	1850
111N66W32ACAB	SCHULTZ, R	112TULR	58	18	--	H,S	45.00	07/ /1948	1840
111N66W33A	MARTENS, EMIL	211DKOT	1228	2	07/22/1916	--	F	--	1690
111N66W33AAD	E.MARTENS	112PLSC	29	24	--	H,S	25.00	08/ /1948	1585

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	TEST HOLE (FEET)	CASING WELL OR DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N66W33AAAD2	E.MARTENS	112PLSC	51	20	--	U	21.00	08/ /1948	1585
111N66W34	MEHLING, ROY	112PLSC	60	--	09/16/1976	--	--	--	1600
111N66W34A	NAIR, J	211DKOT	1247	1.5	10/21/1940	--	--	--	1525
111N66W34BCB	HURON COLLEGE	211DKOT	1227	2	1940	--	22.00	10/ /1962	1585
111N66W34BCB2	MEHLING, ROY	211DKOT	1150	2	1952	H,S	56.19	07/20/1970	1590
111N66W34CD	MOELLER, R	112PLSC	22	--	--	--	10.00	07/ /1948	1590
111N66W34CDBD	MARTENS, SCOTT	211DKOT	1330	2	09/19/1980	--	--	--	1610
111N66W35A	WEDGE, LESLIE	211DKOT	1243	3	--	--	F	07/ /1955	1470
111N66W35BCC	D.SIEVERS	112PLSC	20	24	--	U	3.00	08/ /1948	1510
111N66W35C	SIEVERS, DRAPER	211DKOT	1274	1.25	05/10/1958	--	--	--	1540
111N66W35CCD	D.SIEVERS	211DKOT	1000	1	--	H,S	F	07/ /1948	1505
111N66W35CCDB	D.SIEVERS	211DKOT	1274	1	--	H,S	6.00	1973	1500
111N66W35DA	WEDGE, LESLIE	112BDCN	160	--	11/28/1982	H,S	54.00	11/28/1982	1469
111N66W35DAAB	L.WEDGE	211DKOT	1243	3	--	1955	U	--	1470
111N66W36DDC	H.MORTENSEN	112TULR	43	18	--	H	F	1955	1445
111N66W36DDC2	H.MORTENSEN	112TULR	39	18	--	S	27.00	07/ /1948	1445
111N67W 2BBCC	F.MCGUIRE	211DKOT	1100	2	--	U	--	--	1700
111N67W 2BBCC2	F.MCGUIRE	217FLRV	1505	3	--	H,S	180.00	1974	1700
111N67W 3BBBB	SDGS	112BDCN	275	--	1973	U	--	--	1660
111N67W 4BBA2	H.PARMELY	211DKOT	1370	4	--	1961	H,S	84.00	1974
111N67W 5ABD	H.SKINNER	112PLSC	98	18	--	H,S	72.00	09/ /1948	1650
111N67W 6	LINDAUER, EARL	211DKOT	1254	2	--	1911	--	--	1680
111N67W 6AAC	DONLIN, L	211DKOT	1260	5	09/08/1983	H	--	--	1800
111N67W 6DA	P.ROBERTS	112BDCN	300	4	--	H	--	--	1682
111N67W 7AAA	DONLIN, LOUIS	112TULR	180	--	12/18/1981	--	--	--	1700
111N67W 7DDD	C.DENNIS	112TULR	98	--	--	H,S	--	--	1710
111N67W10AAB	SUTTON	211DKOT	1380	1.25	12/06/1916	--	F	--	1605
111N67W11BBA	L.RAWSTERN	112TULR	85	18	--	H,S	71.00	09/ /1948	1710
111N67W11BBA2	L.RAWSTERN	112PLSC	10	36	--	U	9.00	09/ /1948	1680
111N67W11CC	C.FANNING	217FLRV	1545	5	--	H,S	--	--	1735
111N67W11CCA	C.FANNING	112TULR	88	20	--	H,S	79.00	09/ /1948	1735
111N67W12AAA	SDGS	112PLSC	84	--	--	U	--	--	1815
111N67W12CB	C.HANSON	211DKOT	1350	3	--	H,S	--	--	1800
111N67W12CB2	C.HANSON	112PLSC	31	24	--	U	5.00	09/ /1948	1795
111N67W13D	WILSON, E H	211GRNR	1108	1	04/21/1948	--	F	--	1845
111N67W13DDC	C.BRADBURN	112PLSC	190	2	--	H,S	140.00	08/ /1948	1860
111N67W13DDDD	SDGS	112PLSC	200	--	--	U	--	--	1865
111N67W14AAA	C.FANNING	112PLSC	13	48	--	U	4.00	09/ /1948	1780
111N67W14CDA	W.KENNEDY	112TULR	223	--	--	H,S	190.00	09/ /1948	1760
111N67W15CBB	F.SKINNER	211DKOT	1600	2	--	H,S	200.00	09/ /1948	1735

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL, OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N67W15CD	F.SKINNER	211DKOT	1350	3	--	H,S	--	--	1740
111N67W15CD2	F.SKINNER	112TULR	20	18	--	U	6.00	09/ /1948	1740
111N67W16CCC	SDGS	112TULR	29	--	1973	U	--	--	1734
111N67W17BC	S.SMITH	211DKOT	1300	3	--	H	2.00+	09/ /1948	1735
111N67W17BCC2	S.SMITH	112TULR	100	2	--	H,S	--	--	1735
111N67W18ADD	C.WEEKS	112TULR	135	2	--	H,S	120.00	09/ /1948	1730
111N67W18CC	A.SODERBERG	211DKOT	1335	2	--	H,S	165.00	09/ /1948	1735
111N67W19A	A.RATH	211DKOT	1400	3	1960	--	210.00	04/ /1961	1750
111N67W19BABB	SDGS	112TULR	28	--	1973	U	--	--	1756
111N67W19D	SCOTT, MARK	112TULR	160	4	--	H	25.00	01/ /1974	1770
111N67W19DDDD	E.GETSCHER	211DKOT	1304	2	1945	H,S	100.00	09/ /1948	1775
111N67W19DDDD2	E.GETSCHER	112TULR	32	18	--	U	7.00	09/ /1948	1770
111N67W19DDDD3	E.GETSCHER	112TULR	22	18	--	U	6.00	09/ /1948	1770
111N67W20CBB	B.WELCH	112TULR	32	18	--	U	9.00	09/ /1948	1765
111N67W20CCCC	B.WELCH	211DKOT	1280	4	--	H,S	--	--	1775
111N67W20CCCC2	B.WELCH	112TULR	14	--	--	U	12.00	--	1775
111N67W20D	WELCH, HOMER	112TULR	145	4	--	H	--	--	1770
111N67W20DCCC	SDGS	112TULR	28	--	1973	U	--	--	1772
111N67W20DDDD	H.WELCH	112TULR	120	24	--	H,S	60.00	09/ /1948	1770
111N67W21CCC	N.GARMAN	112TULR	100	24	--	U	63.00	09/ /1948	1780
111N67W22CBB	C.CARROLL	211DKOT	1350	3	--	H,S	250.00	09/ /1948	1765
111N67W25BBB	J.VAN ZEE	211DKOT	1600	4	--	H,S	200.00	09/ /1948	1805
111N67W25C	G.AALDERS	211DKOT	1455	3	1961	--	180.00	09/ /1961	1800
111N67W28BB	B.WELCH	112TULR	25	24	--	U	4.00	09/ /1948	1770
111N67W28DAA	B.WEAVER	112TULR	120	14	--	H,S	38.00	09/ /1948	1800
111N67W28DAA2	B.WEAVER	112TULR	120	2	--	H,S	100.00	09/ /1948	1800
111N67W28DD	B.WEAVER	112TULR	120	2	--	U	100.00	09/ /1948	1790
111N67W29AA	BECKER, MILTON	112TULR	30	--	08/05/1976	H	28.00	08/05/1976	1775
111N67W29DDD	A.CAHALAN	112TULR	180	2	--	H,S	50.00	09/ /1948	1800
111N67W30BDD	D.NELSON	112TULR	190	1	--	S	--	09/ /1948	1790
111N67W31ABC	CAHALAN INV.CO.	112TULR	165	2	--	U	5.00	09/ /1948	1795
111N67W32DDB	A.CAHALAN	112TULR	165	2	--	H,S	15.00	09/ /1948	1792
111N67W33AAA	A.EVANS	112TULR	138	24	--	H,S	120.00	09/ /1948	1790
111N67W33CC	A.CAHALAN	112TULR	165	2	--	U	--	--	1780
111N67W34CDCD	O.AVERY	112TULR	53	18	--	S	14.00	09/ /1948	1790
111N67W34CDCD2	O.AVERY	211DKOT	1500	3	--	H,S	100.00	09/ /1948	1790
111N67W34DDDD	SDGS	112BDCN	455	--	1973	U	--	--	1800
111N67W35	MORIARTY, DON	211DKOT	1658	8.75	10/27/1980	H	--	--	1795
111N68W 1AAC	E.DONALIN	112TULR	19	18	--	H	9.00	09/ /1948	1650
111N68W 1CBC	R.FREIMARK	211DKOT	1400	3	--	U	170.00	09/ /1948	1690

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET) MEASURED	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N68W 1CBC2	C. GUSSLER	217FLRV	1500	5	1966	H,S	110.00	04/ /1966	1695
111N68W 2BDC	A. JONES	112TULR	95	18	--	S	79.00	09/ /1948	1685
111N68W 3A	MCHORRER, HELE	211DKOT	1300	1.25	10/10/1923	--	F	--	1690
111N68W 4B	JACOBSON, LOREN	211DKOT	1315	1.5	10/10/1925	--	F	--	1700
111N68W 6AAA	O.WANGNESS	112PLSC	19	18	--	--	7.00	09/ /1948	1720
111N68W 6AAA2	O.WANGNESS	112PLSC	14	48	--	U	8.00	09/ /1948	1730
111N68W 7AAD	M.PUGH	112PLSC	35	18	--	U	7.00	09/ /1948	1782
111N68W 7AAD2	M.PUGH	112PLSC	98	24	--	U	17.00	09/ /1948	1782
111N68W 7AAD3	M.PUGH	211DKOT	1435	4	1964	H,S	150.00	11/ /1964	1780
111N68W 7BAA	E.WANGNESS	112PLSC	69	18	--	H,S	30.00	09/ /1948	1802
111N68W 9BA	N.JACOBSEN	211DKOT	1380	3	1952	H,S	200.00	09/ /1948	1734
111N68W 9CB	PUGH BROS.	211DKOT	1400	4	1960	--	--	--	1752
111N68W 9CBC	A. PUGH	112PLSC	400	3	--	H,S	175.00	09/ /1948	1750
111N68W 9CBC2	A. PUGH	112PLSC	27	24	--	U	6.00	09/ /1948	1735
111N68W 9C2	PUGH, ARTHUR	211DKOT	1398	1.25	08/11/1920	--	F	--	1750
111N68W10CB	E.WANGNESS	211DKOT	1300	4	01/18/1980	H	190.00	1948	1748
111N68W11A	GERDES, ROGER	217FLRV	1525	3	--	H	--	--	1700
111N68W11BBCC	L.GUSSLER	211DKOT	1400	3	--	H,S	10.00	09/ /1948	1715
111N68W11CCCC	SDGS	112PLSC	185	--	1973	U	--	--	1733
111N68W11CDCC	SDGS	112PLSC	28	--	1973	U	--	--	1725
111N68W13ABBB	SDGS	112TULR	29	--	1973	U	--	--	1729
111N68W14CDD	H.STEAD	112TULR	38	18	--	U	7.00	09/ /1948	1745
111N68W15ADA	C.THOMAS	211DKOT	1510	2	--	H,S	--	--	1755
111N68W17AA	G.ALMOND	112PLSC	100	18	--	U	80.00	09/ /1948	1775
111N68W17BB	G.ALMOND	112PLSC	120	24	--	H,S	60.00	09/ /1948	1800
111N68W18BA	E.WANGNESS	112PLSC	98	18	--	U	6.00	09/ /1948	1853
111N68W18DA	F.WILL	112PLSC	13	48	--	U	7.00	09/ /1948	1800
111N68W19CBBB	J.VANDEMBERG	112PLSC	147	3	--	S	4.00	09/ /1948	1889
111N68W20BBBD	H.UFFEN	112PLSC	180	--	--	H,S	10.00	09/ /1948	1833
111N68W21AC	R.YEAROUS	211DKOT	1380	3	--	S	200.00	1948	1810
111N68W21AD	R.YEAROUS JR.	211DKOT	1448	3	1948	H,S	--	--	1805
111N68W22ADD	C.YEAROUS	112PLSC	28	24	--	U	2.00	09/ /1948	1780
111N68W22DA	C.YEAROUS	112PLSC	49	18	--	H,S	4.00	09/ /1948	1785
111N68W23CDB	W.ENGEIMANN	112TULR	180	2	--	H,S	--	--	1790
111N68W23DCC	W.ENGEIMANN	211DKOT	1380	4	--	H,S	180.00	1948	1785
111N68W24GCC	SDGS	112TULR	28	--	1973	U	--	--	1786
111N68W26BBBB	SDGS	112TULR	200	--	1973	U	--	--	1795
111N68W27ADD	S.HINES	211DKOT	1500	4	--	H,S	160.00	1949	1790
111N68W27CDDD	SDGS	112PLSC	27	--	1973	U	--	--	1820
111N68W28BA	C.FOUST	211DKOT	1350	4	--	U	--	--	1835

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N68W28BAC	R.FOUST	217FFRV	1618	4	12/19/1966	H,S	180.00	--	1963
111N68W28DC	MONEIL, ROY	112PLSC	43	--	--	--	--	--	1700
111N68W30A	WILSON, E H	211GNR	1108	1	--	--	--	04/21/1948	1885
111N68W30ADA	L.WILSON	112PLSC	200	3	--	H,S	40.00	1948	1883
111N68W30ADA2	H.WILSON	112PLSC	200	3	1943	H,S	20.00	1972	1882
111N68W30A2	UFEN, S F	211DQT	1428	2	11/28/1922	U	--	--	1885
111N68W30BAA	I.HAUGEN	112PLSC	100	24	--	H,S	18.00	09/ /1948	1892
111N68W31CAA	J.UFEN	112PLSC	200	3	--	S	0.00	--	1922
111N68W31DBB	ANDENBERG, TOM	112PLSC	225	8.75	12/25/1981	H	82.00	12/25/1981	1935
111N68W32DD	A.WHEELHOUSE	112PLSC	93	18	--	H,S	69.00	09/ /1948	1893
111N68W33AAA	SDGS	112PLSC	27	--	1973	U	--	--	1835
111N68W33CCCC	SDGS	112PLSC	200	--	1973	U	--	--	1900
111N68W33DD	R.FOUST	112PLSC	70	18	--	S	35.00	09/ /1948	1850
111N68W35CCCC	SDGS	112TLR	200	--	1973	U	--	--	1835
111N68W36DDDD	SDGS	112TLR	245	--	--	U	--	--	1820
111N69W 2A	MENKE, WILLIAM	112PLSC	85	4	03/13/1981	--	--	--	1870
111N69W 2AA	MENKE, WILLIAM	112PLSC	85	--	02/21/1981	H	40.00	02/21/1981	1860
111N69W10CDD	K.LABOR	112PLSC	28	36	1912	H,S	21.00	09/ /1972	1980
111N69W12BA	D.WANGNESS	112PLSC	200	3	1946	--	0.00	1948	1840
111N69W12CDDD	D.WANGNESS	112PLSC	42	18	--	U	17.00	09/ /1972	1885
111N69W15BCC	R.WANGNESS	112PLSC	70	24	1956	H,S	6.00	09/ /1972	1968
111N69W15CCCC	SDGS	112PLSC	95	--	1975	U	--	--	1972
111N69W20AABC	E.GROSS	112PLSC	85	18	--	H,S	10.00	09/ /1972	1985
111N69W22DCCC	MILLER DALE COL	112PLSC	90	24	--	H,S	--	--	1925
111N69W24AAAA	SDGS	112PLSC	170	--	1973	U	--	--	1888
111N69W24ADDG	J.VANDENBERG	112PLSC	53	18	--	H,S	5.00	09/ /1948	1902
111N69W32CDD	T.STEERS	112PLSC	77	24	--	H,S	43.00	09/ /1972	1985
111N69W35	STEVENS, GENE	112PLSC	155	8.75	12/23/1980	H	--	--	1945
111N69W35AABB	G.STEVENS	112PLSC	30	24	1964	H,S	13.00	09/ /1972	1943
111N69W35DAD	R.JOY	112PLSC	94	24	--	U	9.00	09/ /1972	1960
111N70W 1BBB	JOHNSTON, STANN	112PLSC	45	--	10/04/1981	H	23.00	10/04/1981	1974
111N70W 1DCDA	J.COOK	112PLSC	50	24	1968	H,S	8.00	05/ /1973	2040
111N70W 2DCB	D.FAWCETT	112EMCK	85	--	1968	U	--	--	2065
111N70W 3AAB	D.FAWCETT	112EMCK	80	--	1968	U	--	--	1895
111N70W 3AACB	D.FAWCETT	112EMCK	82	16	1968	I	--	--	1893
111N70W 3ACDC	D.FAWCETT	112EMCK	75	--	1969	U	--	--	1890
111N70W 3ACDC2	D.FAWCETT	112EMCK	80	--	1969	U	--	--	1890
111N70W 3CAA	D.FAWCETT	112EMCK	50	--	1968	U	--	--	1930
111N70W 3D	FAWCETT, DALE	112EMCK	95	--	09/03/1976	--	--	--	1911
111N70W 3DCBB	D.FAWCETT	112EMCK	90	--	1969	U	--	--	1904

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
111N70W3DCBD	FAWCETT, DALE D.FAWCETT	112EMCK 112EMCK	80 75	-- 16	03/14/1969 05/21/1969	U I	-- 8.00	-- 06/12/1974	1885 1889
111N70W3DCCA	FAWCETT, DALE D.FAWCETT	112EMCK 112EMCK	84 95	2 --	1969	U	--	--	1888
111N70W3DCCD	FAWCETT, DALE D.FAWCETT	112EMCK 112EMCK	95 100	-- --	1969	U	--	--	1883
111N70W3DCDA	D.FAWCETT	112EMCK	100	--	1969	U	--	--	1883
111N70W3DCDB	D.FAWCETT	112EMCK	80	--	1969	U	--	--	1883
111N70W3DCDB2	D.FAWCETT D.FAWCETT	112EMCK 112EMCK	76 18	-- 24	1969 1966	U H	-- 9.00	-- 05/1973	1883
111N70W3DCDB3	R.FAWCETT D.FAWCETT	112PLSC 112EMCK	18 75	16	1968	I	21.00	--	2035
111N70W9CBCC	D.FAWCETT	112EMCK	75	--	1969	U	--	--	1885
111N70W10ABC	D.FAWCETT	112EMCK	75	--	1969	U	--	--	1885
111N70W10ABC	D.FAWCETT D.FAWCETT	112EMCK 112EMCK	75 95	-- --	1969 1969	U U	-- --	--	1885
111N70W10BADC	D.FAWCETT D.FAWCETT	112EMCK 112EMCK	86 86	-- --	1969 1969	U U	-- --	--	1885
111N70W10BADD	D.FAWCETT D.FAWCETT	112EMCK 112EMCK	90 105	-- --	1969 1969	U U	-- --	--	1878
111N70W10CAAD	D.FAWCETT	112EMCK	105	--	1969	U	--	--	1885
111N70W10DCAB	L.FAWCETT	112EMCK	93	--	--	I	--	--	1960
111N70W10DDBD	FAWCETT, DELMAR F.AWCETT, LEONAR	112EMCK 112EMCK	140 102	5 1973	05/23/1983 1973	H U	-- --	--	1925
111N70W21ADD	USGS	112EMCK	102	--	1973	U	--	--	1865
111N70W22ABAB	USGS	112EMCK	62	--	1973	U	--	--	1937
111N70W22BBAB	USGS	112EMCK	110	--	1968	U	--	--	1860
111N70W22CDC	L.FAWCETT	112EMCK	110	--	1969	U	--	--	1885
111N70W22CDC	L.FAWCETT R.HARVEY	112EMCK 112PLSC	80 47	-- 24	1968	U	--	--	1855
111N70W23DAA	D.FAWCETT	112PLSC	40	--	1969	H,S	30.00	05/1973	1935
111N70W24CAA	T.HASART	112PLSC	13	24	--	H,S	--	--	1970
111N70W26CCCC	ENGELMANN, GEOR	112EMCK	34	6	--	H	8.00	05/1973	1870
111N70W27	ENGELMANN, GEOR	112EMCK	34	6	--	H	4.00	05/04/1973	1850
111N70W27CBD	G.ENGELMANN G.ENGELMANN	112EMCK 112EMCK	50 34	-- 6	1968 1973	U H	-- 4.00	-- 05/1973	1850
111N70W27CBDA	L.FAWCETT	112EMCK	30	--	1968	U	--	--	1855
111N70W28AAD	G.ENGELMANN	112EMCK	60	--	1968	U	--	--	1855
111N70W28AAD	L.FAWCETT	112EMCK	60	--	1968	U	--	--	1855
111N70W28AAD2	L.FAWCETT	112EMCK	60	--	1968	U	--	--	1855
111N70W28BDAB	L.FAWCETT	112EMCK	55	--	1968	U	--	--	1852
111N70W28DAB	H.THOMPSON	211DKOT	983	2	--	H,S	4.00	05/1973	1850
111N70W28DACC	G.ENGELMANN	112EMCK	70	16	1968	U	--	--	1852
111N70W28ACCC	G.ENGELMANN	112EMCK	85	12	1968	I	--	--	1850
111N70W33ACDB	L.FAWCETT USGS	112EMCK	47	--	1973	U	--	--	1837
111N70W33BDCA	USGS	112EMCK	37	1	1973	U	18.00	09/1973	1840
112N66W1CBB	H.THOMPSON	211DKOT	983	2	--	H,S	F	08/1948	1425
112N66W1CBB2	H.THOMPSON	112TULR	50	--	--	U	29.00	08/1948	1425
112N66W2ADA	F.THOMPSON	211DKOT	1000	1	--	H,S	F	08/1948	1415
112N66W2BBBB	J.LACKNER	112TULR	31	24	--	U	16.00	08/1948	1413

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DEPTH OF WELL OR TEST HOLE (FEET)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N66W 2DCC	F. DRESSOUILLE	112TULR	56	24	--	1973	H, S	20.00	08/ /1948	1415
112N66W 3BABB	SDGS	112TULR	58	--	--	U	--	--	--	1415
112N66W 3BBC	M. BONEBRIGHT	112TULR	22	24	--	1973	H, S	15.00	08/ /1948	1417
112N66W 3BCC	SDGS	112TULR	53	--	--	1973	U	--	--	1407
112N66W 3DDDC	USGS	112TULR	32	1	--	1973	U	4.00	10/ /1973	1402
112N66W 3DDDC2	SDGS	112TULR	69	--	--	1973	U	--	--	1402
112N66W 3DDDC3	SDWR	112TULR	28	--	--	U	--	--	--	1402
112N66W 3DDDD	K. BECK	112TULR	15	18	--	S	6.00	08/ /1948	1407	
112N66W 4AAC	M. BONEBRIGHT	112TULR	18	24	--	S	16.00	08/ /1948	1420	
112N66W 4BBBC	E. STEPHENS	112TULR	43	18	--	H, S	27.00	08/ /1948	1430	
112N66W 4BBBB	STEPHENS,	112TULR	20	--	--	U	--	--	--	1430
112N66W 4BBCB	E. STEPHENS	112TULR	16	--	--	S	8.00	08/ /1948	1430	
112N66W 4DC	BOLTM	112TULR	28	18	--	S	24.00	08/ /1948	1435	
112N66W 5AAA	SCHLEDER, J	112TULR	18	24	--	H, S	8.00	08/ /1948	1425	
112N66W 5CD	C. WRIGHT	217FLRV	1262	3	--	1951	U	F	03/ /1951	1455
112N66W 7BBBB	SDGS	112PLSC	95	--	--	1976	U	--	--	1473
112N66W 7CCB	A. ROWEN, JR.	211DKOT	1030	1	--	S	F	08/	08/ /1948	1487
112N66W 7D	ROWEN, ED	211DKOT	1123	1.5	--	H, S	F	--	--	1475
112N66W 7DAA	A. ROWEN, JR.	211DKOT	1050	1	--	1916	H, S	F	08/ /1948	1475
112N66W 7DAAA	ROWEN, EDWIN	310MNL	1325	--	08/11/1982	H, S	--	--	--	1472
112N66W 7DAB	E. ROWEN	211DKOT	1122	1	--	1963	S	F	--	1475
112N66W 8AAA	P. SWALLOW	112PLSC	49	12	--	H, S	32.00	08/	08/ /1948	1450
112N66W 8BAA	O. C. WRIGHT	112PLSC	51	24	--	S	34.00	08/	08/ /1948	1455
112N66W 9AAD	C. VAUGHN	112PLSC	39	12	--	U	24.00	08/	08/ /1948	1435
112N66W 9CDD	M. VAUGHN	211DKOT	1025	2	--	1947	H, S	F	08/ /1948	1435
112N66W 9CDD	B. VAUGHN	211DKOT	1033	1	--	1962	S	17.00	08/ /1948	1436
112N66W 9CDD2	M. VAUGHN	112PLSC	32	24	--	U	5.00	08/	08/ /1948	1435
112N66W11BAA	F. DESSONVILLE	211DKOT	980	1	--	S	12.00	08/	08/ /1948	1408
112N66W1CDD	T. MCGIRR	112TULR	17	18	--	S	9.00	09/	09/ /1948	1400
112N66W1DAAA	SDGS	112TULR	29	--	--	1973	U	--	--	1402
112N66W12AAA	H. BECK	211DKOT	900	1	--	H, S	F	08/	08/ /1948	1415
112N66W12CCCD	T. MCGIRR	112TULR	25	24	--	U	5.00	08/	08/ /1948	1405
112N66W12CD	T. MCGIRR	112TULR	32	4	--	U	12.00	08/	08/ /1948	1415
112N66W12CDCD	MCGIRR, T	211DKOT	1100	2	08/09/1948	H, S	F	--	--	1410
112N66W13CBB	USGS	112TULR	21	--	1973	U	--	--	--	1410
112N66W13CCBC	SDGS	112TULR	29	--	--	1973	U	--	--	1413
112N66W13CCC	J. JOY	112TULR	23	20	--	H, S	13.00	08/	08/ /1948	1410
112N66W13DAAB	W. MCGIRR	211DKOT	920	1	--	H, S	F	08/	08/ /1948	1425
112N66W13DAAB2	W. MCGIRR	112TULR	40	24	--	H, S	5.00	08/	08/ /1948	1425
112N66W13DDAB	LACKNER, STANLE	211DKOT	1140	2	11/25/1985	H	--	--	--	1425

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N66W13DDDD	USGS	112TULR	82	--	1961	U	13.00	10/ /1961	1414
112N66W14AD	F.D.HAVEN	112TULR	8	20	--	U	4.00	08/ /1948	1400
112N66W14ADA	USGS	112TULR	18	1.25	10/09/1973	U	7.27	12/23/1975	1405
112N66W14BABA	SDGS	112TULR	28	--	--	U	--	--	1398
112N66W14AAAA	SDWR	112TULR	15	--	--	U	--	--	1400
112N66W14DAAD	USGS	112TULR	20	--	1973	U	--	--	1398
112N66W15DCA	GRUBER BROS.	112PLSC	36	24	--	H,S	21.00	08/ /1948	1435
112N66W16ADD	C.VAUGHN	112PLSC	32	24	--	U	14.00	08/ /1948	1430
112N66W17BBC	R.COOK	112PLSC	25	36	--	H,S	--	--	1460
112N66W17DAA	W.SCHMUL	112PLSC	28	18	--	H,S	14.00	08/ /1948	1460
112N66W18	LAND BANK, FEDE	310MNLS	1850	1.5	08/24/1940	--	F	--	1507
112N66W18BBBB	SDGS	112PLSC	65	--	1976	U	--	--	1490
112N66W19DA	F.HACKETT	211DKOT	1070	2	1916	U	F	06/ /1916	1500
112N66W19DAA	BORKHUIS, L	211DKOT	1100	1	08/11/1948	S	F	--	1500
112N66W20AAD	L.BORKHUIS	211DKOT	1182	--	1941	H,S	F	1974	1465
112N66W20ADA	BORKHUIS, G	211DKOT	1107	1	--	H,S	F	08/ /1948	1460
112N66W20BA	G.GILLAND	211DKOT	1100	1	--	H,S	F	08/ /1948	1480
112N66W20BBCB	GILLAND BROS.	211DKOT	1215	3	1972	H,S	F	12/ /1972	1483
112N66W20CB	GILLAND	112PLSC	20	12	--	U	9.00	08/ /1948	1490
112N66W20CB2	VAYLAND, CITY O	211DKOT	1100	1	--	S	F	08/ /1948	1490
112N66W20CB3	VAYLAND, CITY O	211DKOT	1135	--	--	P,S	F	08/ /1948	1490
112N66W21DCC	G.MANN	112PLSC	21	18	--	S	12.00	08/ /1948	1460
112N66W22CCB	LICHTY, PAUL	211DKOT	1167	2	01/29/1981	--	--	--	1437
112N66W22CCC	C.LICHTY	112PLSC	26	24	--	H,S	8.00	08/ /1948	1438
112N66W23ADD2	H.BUCHANAN	112TULR	29	28	--	U	24.00	08/ /1948	1420
112N66W24ACAA	SDGS	112TULR	39	--	1973	U	--	--	1405
112N66W24ACBB	SDGS	112TULR	59	--	1973	U	--	--	1390
112N66W24ADDD	SDGS	112TULR	47	--	1973	U	--	--	1394
112N66W24CBB	V.STEVERS	112TULR	35	24	--	H,S	25.00	08/ /1948	1430
112N66W24CBBB	SDGS	112TULR	28	--	1973	U	--	--	1415
112N66W24DCCC	SDGS	112TULR	27	--	1973	U	--	--	1420
112N66W24DDD	LAKNER, STANLEE	112TULR	75	8.75	10/27/1980	H	50.00	10/27/1980	1405
112N66W24DDCC	SDGS	112TULR	54	--	1973	U	--	--	1408
112N66W25A	LICHTY, EDWARD	112TULR	60	5	10/03/1983	H	22.00	10/03/1983	1430
112N66W25AAAA	USGS	112TULR	52	4	1962	U	--	--	1407
112N66W25AC	M.WELLS	112TULR	21	18	--	U	12.00	08/ /1948	1400
112N66W25AD	M.WELLS	112TULR	25	24	--	H,S	6.00	08/ /1948	1410
112N66W25ADAA	SDGS	112TULR	28	--	1973	U	--	--	1410
112N66W25ADDA	M.WELLS	112TULR	200	--	1954	U	--	--	1410
112N66W25ADD2	H.PEVESTORF	112TULR	40	18	--	S	25.00	--	1410

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N66W25CC	LICHTY, EDWARD F.LICHTY	112PLSC 112PLSC	22 32	32 --	08/14/1982 10/22/1982	H H,S	8.00 29.00	08/14/1982 10/22/1982	1430 1430
112N66W25CC	PEVESTORF, HARO	112TULR 112PLSC 112PLSC	28 35 43	8.75 18 24	1962 U S	14.00 9.00 3.00	08/ 08/ 08/	/1948 /1948 /1948	1405 1430 1430
112N66W26CDD	V.HILL	112PLSC	28	24	--	H,S	8.00	08/ 13.00 27.00	1430 1450 1470
112N66W26CDD2	V.HILL	112PLSC 112PLSC 112PLSC 221SNDC	32 34 54 1270	24 24 12 3	-- -- -- 1966	U H,S H,S F	08/ 35.00 35.00 04/	/1948 /1948 /1966	1440 1440 1440
112N66W26CDD3	V.HILL	112PLSC	28	24	--	H,S	8.00	08/ 13.00 27.00	1430 1450 1470
112N66W27BCB	M.JOHNSON	112PLSC	32	24	--	U	1.30	08/ 08/	/1948 /1948
112N66W27CCC	J.VERBEKE	112PLSC	34	24	--	H,S	27.00	08/	/1948
112N66W27DDD	G.PATRIDGE	112PLSC	54	12	--	--	35.00	09/ 1948	1440
112N66W27DDD	R.SHOEMAKER	221SNDC	1270	3	--	H,S	F	04/	/1966
112N66W28ADA	E.SIMONS	112PLSC	42	24	--	H,S	22.00	08/	1948
112N66W28ADA2	E.SIMONS	112PLSC	32	24	--	U	22.00	08/	1948
112N66W28DD	LICHY, PAUL B.SCHULTZ B.SCHULTZ	112PLSC 211DKOT 211DKOT	21 1027 1010	21 3 2	08/22/1958 1923 1941	-- U U	-- F F	-- 03/ 07/	1413 1923 1480
112N66W29AABC2	B.SCHULTZ SDGS	221SNDC 112BDCN 211DKOT	1390 320 1246	4 2 2	1967 1976 1943	H,S U --	-- 105.00 8.00	02/ 07/ 09/	1455 1455 1480
112N66W29AABC3	B.SCHULTZ SDGS	221SNDC 112BDCN 211DKOT	1390 320 1246	4 2 2	1967 1976 1943	H,S U --	-- 105.00 8.00	02/ 07/ 09/	1455 1480 1605
112N66W31BBBB	FISHER BROS.	112PLSC	117	12	--	S	105.00	07/ 1943	1550
112N66W31DA	FISHER BROS.	112TULR	70	--	1948	U	--	09/ 1948	1550
112N66W31DAAC2	USBR	112TULR	75	--	1948	U	--	--	1555
112N66W31DABD	USBR	112TULR	50	--	1948	U	--	--	1555
112N66W31DCCC	USBR	112TULR	52	--	1948	U	--	--	1685
112N66W32AADD	USBR	112TULR	212	--	1948	U	--	--	1497
112N66W32ABCC	USBR	112BDCN	212	--	1948	U	--	--	1502
112N66W32BBDD	USBR	112TULR	50	--	1948	U	--	--	1515
112N66W32CBCB	USBR	112TULR	50	--	1948	U	--	--	1552
112N66W33	WILLIAMS, ARNOL C.MCGIRR	211DKOT 211DKOT	1100 900	5 1	05/13/1980 1080	H H,S	30.00 F	05/13/1980 08/	1500 1485
112N66W33BA	A.WILLIAMS	211DKOT	1080	--	--	H,S	F	/1948	1500
112N66W33CDC	A.WILLIAMS	211DKOT	1242	2	1955	H,S	5.00	/1948	1500
112N66W33CDC2	F.TAPLIN	112TULR	37	--	--	S	13.00	08/	1500
112N66W34DAD									1430
112N66W35CCCC	SDGS	112TULR	29	--	1973	U	--	--	1432
112N66W35CDD	SDGS	112TULR	34	--	1973	U	--	--	1415
112N66W35DDAA	SDGS	112TULR	34	--	1973	U	--	--	1412
112N66W36CCCC	SDGS	112TULR	54	--	1973	U	--	--	1410
112N66W36CCCC2	USGS	112TULR	18	1	1973	U	8.00	10/ 1973	1410
112N66W36CDC	SDGS	112TULR	43	--	1973	U	--	--	1410
112N66W36CDC	E.MOELLER	112TULR	36	29	1958	H,S	17.00	08/ 04/	1415
112N66W36CDCD	SDGS	112TULR	29	--	1973	U	--	--	1385
112N66W36DAAA	F.DOUGHERTY	112TULR	22	18	--	H,S	15.00	04/ --	1380
112N66W36DDAA	SDGS	112TULR	34	--	1973	U	--	--	1402

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL (FEET)	CASING DEPTH OR TEST HOLE (FEET)	DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N66W36DDDD	USBR	112TULR	24	1	--	07/06/1917	U	16.00	07/ /1949	1407
112N67W 1B	NEWLIN	211DKOT	1108	1.25	--	1976	F	--	--	1460
112N67W 1BBBB	--	112BDCN	80	--	--	1976	S	19.00	09/ /1948	1460
112N67W 1BCBA	L. JOHNSON	112TULR	21	--	--	1952	F	--	--	1465
112N67W 1BCBA2	L. JOHNSON	112TULR	30	18	--	1976	S	9.00	09/ /1948	1465
112N67W 1CBCC	SDGS	112TULR	28	--	--	1973	U	--	--	1464
112N67W 2ABAA	SDGS	112BDCN	80	--	--	1973	U	--	--	1457
112N67W 2BBB	E. GRIMM	211DKOT	1137	2	--	1952	H,S	--	09/ /1948	1493
112N67W 3ABAA	USBR	112TULR	45	--	--	1976	F	--	--	1485
112N67W 3BBBB	SDGS	211CDLL	470	--	--	1976	U	--	--	1468
112N67W 3CCCC	SDGS	211CDLL	425	--	--	1974	U	--	--	1485
112N67W 4BBBB	E. MCCUE	211DKOT	1200	1	--	1952	H,S	--	09/ /1948	1480
112N67W 5ABAB	E. MCCUE	112TULR	68	24	--	1973	S	22.00	09/ /1948	1490
112N67W 5BCC	C. SNYDER	211DKOT	1100	2	--	1952	H,S	F	09/ /1948	1510
112N67W 5DCD	A. MYERS	211DKOT	1200	2	--	1976	U	--	--	1468
112N67W 6BCB	E. PORTER	112TULR	75	24	--	1974	U	--	--	1485
112N67W 6CDC	E. BERTSCH	211DKOT	1360	5	--	1965	H	6.00	09/ /1948	1540
112N67W 7AA	KULM, ALEX	211DKOT	1350	2	08/03/1983	H	5.00	08/03/1983	1530	
112N67W 7AACC	W. BRONS	112TULR	115	2	--	1964	U	110.00	09/ /1948	1525
112N67W 7AACC2	A. KLUM	211DKOT	1150	4	--	1964	H,S	6.00	1974	1525
112N67W 7DC	E. ABBOTT	112TULR	96	24	--	1974	U	74.00	09/ /1948	1520
112N67W 8BBBB	SDGS	112BDCN	245	--	--	1974	U	--	--	1530
112N67W 8CA	JONES, CHESTER	112TULR	148	--	10/26/1960	--	--	--	--	1530
112N67W 8D	J. JONES	211DKOT	1123	2	--	1916	U	--	09/ /1916	1540
112N67W 8DDDC	M. AUCK	211DKOT	1270	5	1965	H,S	9.00	08/ /1965	1540	
112N67W 9C	NIELSON, MARVIN	211DKOT	1300	2.5	11/21/1973	--	--	--	--	1515
112N67W 9D	FREIMARK, WILBU	211DKOT	1310	2	11/24/1980	--	--	--	--	1510
112N67W 9DD	FREIMARK	211BDCN	1080	3	--	1917	H,S	F	09/ /1948	1512
112N67W10ADDD	SDGS	112TULR	29	--	--	1973	U	--	--	1479
112N67W10BBBB	SDGS	211CDLL	425	--	--	1976	U	--	--	1485
112N67W10DCCD	SDGS	112TULR	29	--	--	1973	U	--	--	1493
112N67W11BBBB	SDGS	112BDCN	260	--	--	1974	U	--	--	1485
112N67W11CAC	VAN ZEE, J	211DKOT	1086	3	08/09/1982	H,S	--	09/ /1948	1505	
112N67W11CACA	VAN ZEE, KENNETH	211DKOT	1310	2	--	1918	F	09/ /1948	1502	
112N67W12ABB	P. RUDD	211DKOT	1000	--	--	U	F	09/ /1948	1480	
112N67W12ABB2	W. BRONS	211DKOT	1118	3	01/04/1981	U	--	12/ /1948	1480	
112N67W12C	FREIMARK, RUSSE	112PLSC	47	24	--	H,S	--	--	--	1502
112N67W12CDD	J. SIEGLING	211DKOT	1175	3	--	--	F	09/ /1948	1505	
112N67W12D	MCWORTER	211DKOT	1144	1.5	06/27/1934	--	--	--	--	1495
112N67W12D2	PATTERSON	211DKOT	1257	1.5	07/11/1934	--	F	--	--	1495

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL (FEET)	CASING TEST HOLE (INCHES)	DIA- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N67W13DDDD	SDGS	112PSC	50	--	1973	U	38.00	--	--	1535
112N67W14	FREIMARK, WILBU	211DKOT	1175	3	11/06/1968	--	--	--	--	1525
112N67W14A	STOBB, ED	211DKOT	1300	2.5	04/01/1966	--	--	--	--	1512
112N67W14BCB	E.BROTHERTON	112TULR	53	18	--	S	24.00	09/ /1948	09/ /1948	1510
112N67W14CB	FREIMARK	112TULR	23	--	--	U	23.00	09/ /1948	09/ /1948	1527
112N67W15BCDB	FREIMARK, W	211DKOT	1175	5	07/16/1981	--	--	--	09/ /1944	1525
112N67W17B	COTTON, RICHARD	112BDCN	169	4.5	--	H,S	--	--	--	1540
112N67W17BBC	H.COTTON	112TULR	85	24	--	--	--	--	--	1575
112N67W18	HOOVER	211DKOT	1188	--	--	--	--	--	--	1575
112N67W18	HUMPHREY	211DKOT	1296	2	--	--	--	--	--	1575
112N67W18BBAA	ST.LAWRENCE, CI	112TULR	160	10	1959	P	--	--	--	1575
112N67W18BBAA2	ST.LAWRENCE, CI	112TULR	163	5	1968	P	--	--	--	1575
112N67W18BBDB	ST.LAWRENCE, CI	112PSC	116	6	1945	P	50.00	1945	--	1580
112N67W18CBB	C.JONES	112TULR	140	2	--	H,S	--	--	--	1600
112N67W19ABBB	SDGS	112BDCN	320	--	1973	U	--	--	--	1600
112N67W19DCC	FEDERAL LAND BK	112TULR	100	18	--	U	74.00	09/ /1948	09/ /1948	1630
112N67W20CBB	R.HULL	211DKOT	1300	3	--	H,S	25.00	09/ /1948	09/ /1948	1608
112N67W21AB	V.MONROE	112PSC	70	2	--	U	55.00	09/ /1948	09/ /1948	1562
112N67W21BAB	V.MONROE	112TULR	140	3	1968	H,S	--	--	--	1565
112N67W21DC	C.FANNING	112PSC	96	18	--	--	51.00	09/ /1948	09/ /1948	1570
112N67W22CDC	E.BROTHERTON	112PSC	120	18	--	H,S	90.00	1948	1948	1580
112N67W23AAA	O.JOHNSON	112TULR	32	18	--	U	17.00	09/ /1948	09/ /1948	1533
112N67W25AAA	SDGS	112TULR	35	--	1976	U	--	--	--	1620
112N67W26CCC	C.CARROLL	211DKOT	1250	3	--	H,S	5.00	1948	1948	1635
112N67W26DCC	A.FISHER	211DKOT	1250	3	--	S	5.00	1948	1948	1640
112N67W27ABB	C.REEVES,J.R.	211DKOT	1250	3	--	U	--	--	--	1585
112N67W27BAA	C.REEVES,J.R.	112PSC	120	2	--	H,S	--	--	--	1565
112N67W28BC	FANNING, CLYDE	112TULR	90	1.25	09/01/1961	--	--	--	--	1522
112N67W30	DOULIN, L	112TULR	170	4	--	H	95.00	02/12/1974	02/12/1974	1625
112N67W30BDC	A.JONES	221SDNC	1500	2	--	H,S	--	--	--	1625
112N67W30DAA	F.MCGINNIS	211DKOT	1300	3	--	H,S	60.00	09/ /1948	09/ /1948	1622
112N67W32ABBB	SDGS	112TULR	29	--	1973	U	--	--	--	1592
112N67W32ADA	J.JONES	211DKOT	1115	3	--	U	--	--	--	1600
112N67W32ADA2	G.WILKINSON	211DKOT	1325	5	1973	H,S	40.00	1973	1973	1600
112N67W32CCCC	SDGS	112BDCN	275	--	1974	U	--	--	--	1660
112N67W33CCCC	USGS	112BDCN	288	2	1974	U	194.00	--	--	1630
112N67W34B	ATTINOW, F A	211DKOT	1370	1.25	08/ /1922	--	--	--	--	1650
112N67W34BBC	C.SELKE	211DKOT	1355	2	1960	--	50.00	11/ /1960	11/ /1960	1610
112N67W34DDDD	SDGS	112PSC	140	--	1974	U	--	--	--	1682
112N67W36DDDD	SDGS	112PSC	65	--	1973	U	--	--	--	1730

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N68W 2ADA	G.CAHALAN	310MMLS	1700	1	--	H,S	F	09/ /1948	1535
112N68W 2BB	G.CAHALAN	112TULR	26	36	--	S	23.00	09/ /1948	1550
112N68W 2CA	MILLER, CITY OF	211DKOT	1165	6	1964	P	15.00	03/ /1964	1575
112N68W 2CC	G.CAHALAN	112TULR	100	3	--	H,S	--	--	1560
112N68W 2CD	REDIGER, MILLAR	112TULR	112	2	01/02/1962	--	--	--	1625
112N68W 3A	JENNINGS, RON	211DKOT	1215	--	--	U	--	--	
112N68W 3AA	A.NISSEN	211DKOT	1325	5	1973	H	30.00	06/ /1973	1550
112N68W 3AAC	SDGS	112BDCN	230	--	1972	U	--	--	1543
112N68W 3AADA	JENNINGS, TED &	211DKOT	1216	3	06/11/1976	H,I	26.00	06/11/1976	1543
112N68W 3AD	--	112TULR	9	24	--	--	3.00	10/ /1948	1550
112N68W 3DDC	BELL, H	112TULR	11	100	09/25/1948	I,N	10.12	--	
112N68W 3DCC	N.ZENS	211DKOT	1300	5	1968	H	--	--	1565
112N68W 3DCD	H.BELL	211DKOT	1144	3	1918	H,S	F	10/ /1948	1560
112N68W 4BAD	A.GOHRING	112TULR	32	36	--	H,S	9.00	09/ /1948	1565
112N68W 4CD	N.ELLIS	112TULR	100	12	--	S	52.00	09/ /1948	1575
112N68W 4DAB	F.HATCH	221SND	1400	3	--	S	F	09/ /1948	1565
112N68W 5DDDD	SDGS	112BDCN	305	--	1973	U	--	--	
112N68W 6AA	W.JONES	211DKOT	1100	3	--	U	F	09/ /1948	1580
112N68W 6AAC	W.JONES	211DKOT	1300	1	1956	H	F	09/ /1948	1575
112N68W 6AADA	W.JONES	217FLRV	1380	6	1973	H,S	F	1974	1575
112N68W 6AADA2	--	--	--	--	--	--	--	--	
112N68W 6AD	JONES, W	211DKOT	1260	2	06/30/1983	H	22.00	06/30/1983	1580
112N68W 7AA	A.HIBBISON	112TULR	100	3	--	U	48.00	09/ /1948	1595
112N68W 7D	ROWAN	211DKOT	1325	--	08/11/1982	H,S	--	--	1610
112N68W 7DD	A.HIBBISON	211DKOT	1309	3	1954	--	--	--	1615
112N68W 7DDD	A.HIBBISON	211DKOT	1285	1	--	H,S	F	09/ /1948	1615
112N68W 7D2	HIBBISON, ART	211DKOT	1305	2.5	06/19/1979	--	50.00	06/25/1979	1610
112N68W 8DDA	C.NEDVED	112TULR	41	24	--	--	8.00	09/ /1948	1593
112N68W 9AAAA	SDGS	112BDCN	395	--	1974	U	--	--	1570
112N68W 9DDD	J.VERDUGT	112BDCN	164	3	1952	H,S	--	--	1585
112N68W 9DD2	J.VERDUGT	112TULR	85	14	--	U	6.00	09/ /1948	1585
112N68W 10	MILLER, CITY OF	211DKOT	1139	6	1949	P	F	--	1575
112N68W 10	MILLER, CITY OF	310MMLS	1500	4.5	1910	P	F	--	1575
112N68W 10	--	211DKOT	1139	2	1959	--	--	--	1575
112N68W 10ACCB	MILLER, CITY OF	211DKOT	1100	6	09/09/1976	P	50.00	09/09/1976	1560
112N68W 10ACDB	MILLER PARK	211DKOT	1240	--	07/13/1976	--	--	--	1565
112N68W 10OC	E.MERXBAUER	211DKOT	1175	4	1961	--	16.00	08/ /1961	1575
112N68W10ACA	MILLER, CITY OF	211DKOT	1235	4	03/06/1965	--	--	--	1580
112N68W10ACC	MILLER, CITY OF	112BDCN	200	--	1954	--	--	--	1575
112N68W10CC	REDIGER, W	112TULR	15	24	--	U	--	--	1580
112N68W10CD	C.&N.W.RAILROAD	211DKOT	1350	--	--	--	16.00	--	1575

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N68W10DCD	MILLER, CITY OF	211DKOT	1250	6	10/07/1949	P	--	--	1578
112N68W10DCD	MILLER, CITY OF	211DKOT	1125	4	--	P	--	--	1585
112N68W10DCD2	MILLER, CITY OF	211DKOT	1145	4	--	P	--	--	1578
112N68W10DCD4	MILLER, CITY OF	211DKOT	1250	6	1926	P	--	--	1575
112N68W10DDCC	BROWN HOTEL	112BDCN	180	6	1952	H	--	--	1580
112N68W11CBAA	MILLER, CITY OF	211DKOT	1165	--	04/14/1964	--	--	--	1585
112N68W11D	MORROW, CHARLES	211DKOT	1320	1.25	11/26/1927	--	F	--	1570
112N68W11DCAC	C.DEAN	112TULR	42	18	--	H,S	9.00	09/ /1948	1575
112N68W11DCAC2	C.DEAN	112TULR	100	18	--	H,S	76.00	09/ /1948	1575
112N68W11DDA	F.ROTH	112TULR	96	18	--	H,S	77.00	09/ /1948	1570
112N68W12	MAGOMAN, IRA A	211DKOT	1166	1.25	07/05/1912	--	F	--	1562
112N68W12AA	BRONS, WALT	112TULR	108	--	12/02/1963	--	--	--	1560
112N68W12AAA	SDGS	112TULR	230	--	1974	U	--	--	1545
112N68W12BBBB	SDGS	112BDCN	230	--	1974	U	--	--	1558
112N68W12CC	F.BINGHAM	112TULR	96	18	--	H,S	73.00	09/ /1948	1575
112N68W12CCA	B.COLLINS	211DKOT	1150	3	--	H,S	100.00	F	1575
112N68W13ADA	G.MAGNESS	112TULR	117	2	--	H,S	85.00	P	1580
112N68W13BAB	PETERSON, DARRE	112TULR	164	5	03/04/1986	H	73.00	09/ /1948	1570
112N68W13BBBD	A.SCHWEPPY	112TULR	100	24	--	H,S	57.00	09/ /1948	1575
112N68W14AAA	A.SCHWEPPY	112TULR	96	--	--	S	--	--	1575
112N68W14AAD	E.STOBBS	211DKOT	1300	5	1966	H	35.00	1974	1575
112N68W14AA2	---	112TULR	115	--	--	--	--	--	1656
112N68W14AA3	STOBBS, M	112TULR	140	15	11/09/1964	--	--	--	1658
112N68W14AA4	STOBBS, M	112TULR	168	1.25	11/07/1966	--	--	--	1658
112N68W15BB	A.MCNEIL	112TULR	140	2	--	H,S	40.00	1948	1580
112N68W15CDD	C.PALMER	112TULR	34	18	--	S	8.00	09/ /1948	1590
112N68W15DC	P.PALMER	112TULR	24	24	--	H,S	9.00	09/ /1948	1590
112N68W15DCA	F.SIVERTSEN	112TULR	165	18	--	H,S	145.00	1948	1590
112N68W16AAA	G.MEKKE	112TULR	96	24	--	H,S	67.00	09/ /1948	1585
112N68W16AD	BEANER, MRS. W.	112TULR	90	1.25	12/22/1967	--	--	--	1590
112N68W16DDD	H.GOHRING	112TULR	29	18	--	S	6.00	09/ /1948	1595
112N68W18BC	A.NELSON	112TULR	100	14	--	U	27.00	09/ /1948	1640
112N68W19CCC	H.POINDEXTER	211DKOT	1400	3	--	H,S	30.00	1948	1695
112N68W19DCC	SDGS	112TULR	220	--	--	U	--	--	1676
112N68W20BB	K.MONCUR	211DKOT	1100	2	--	H,S	--	--	1635
112N68W20DAD	A.HABERLING	211DKOT	1305	3	1949	U	--	--	1625
112N68W20DAD2	A.HABERLING	211DKOT	1305	5	1972	H,S	32.00	07/ /1972	1625
112N68W20DA2	A.HABERLING	112TULR	16	72	--	H,S	6.00	09/ /1948	1642
112N68W21A	FULTON, TEX	211DKOT	1460	2.5	10/07/1977	--	--	--	1610
112N68W21AA	H.GOHRING	112TULR	18	36	--	H,S	6.00	09/ /1948	1600

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N68W21AAA	SDGS	112TULR	80	--	1973	U	--	--	1600
112N68W21AAC	T.FULTON	211DKOT	1250	5	1968	--	34.00	08/ /1968	1600
112N68W21C	H.FULTON	211DKOT	1328	4	1954	--	--	--	1635
112N68W21CD	H.FULTON	112TULR	198	4	--	H,S	130.00	1948	1630
112N68W21CD2	H.FULTON	112TULR	13	52	--	S	5.00	09/ /1948	1630
112N68W22BBA	A.SCHAFFER	112TULR	10	48	--	S	5.00	09/ /1948	1595
112N68W22BBA2	A.SCHAFFER	112TULR	13	6	--	H	9.00	09/ /1948	1595
112N68W22CDC	L.DEAN	112BDCN	240	2	--	H,S	--	--	1630
112N68W22DBD	I.CRIST	112TULR	157	3	--	H,S	--	--	1620
112N68W22DBD2	I.CRIST	112TULR	84	18	--	U	41.00	09/ /1948	1620
112N68W22DC	GIBSON, LYLE	112TULR	18	--	01/09/1969	--	--	--	1593
112N68W22D	DONLIN, LOUIE	112TULR	167	8.75	02/06/1981	H	84.00	02/06/1981	1628
112N68W26CCC	M.ROBINSON	112TULR	100	18	--	S	71.00	09/ /1948	1650
112N68W29CD	L.HOOGEESTRAAT	112TULR	10	24	--	H,S	8.00	09/ /1948	1665
112N68W29DC	A.HABERLING	112TULR	24	24	--	S	9.00	09/ /1948	1685
112N68W30A	POINDEXTER, HAR	211DKOT	1365	1.25	06/12/1972	--	F	--	1680
112N68W30BBA	POINDEXTER, H	211DKOT	1370	2	1960	H,S	65.00	04/ /1960	1693
112N68W31ADD	B.HOOGEESTRAAT	112TULR	22	36	--	H,S	6.00	09/ /1948	1715
112N68W31CCCC	SDGS	112TULR	110	--	1973	U	--	--	1783
112N68W31DAA	M.HARGENS	112TULR	24	36	--	H,S	8.00	09/ /1948	1700
112N68W33BCCC	SDGS	112TULR	28	--	1973	U	--	--	1685
112N68W33D	L.OLSON	211DKOT	1435	3	1953	--	--	--	1685
112N68W33DC	L.OLSON	112TULR	12	72	--	S	6.00	09/ /1948	1680
112N68W33DC2	L.OLSON	112TULR	12	24	--	--	8.00	1948	1675
112N68W33DC3	L.OLSON	112TULR	12	36	--	--	8.00	1948	1680
112N68W33D2	FULTON, TEX	211DKOT	1460	2.5	08/27/1973	--	--	--	1670
112N68W34BBB	DANFORTH CO.	112TULR	180	24	--	H,S	100.00	1948	1660
112N68W34BBBB2	DANFORTH CO.	112TULR	9	6	--	U	8.00	--	1655
112N68W4DA2	GERDES, JIM	112TULR	170	1.25	09/14/1965	--	54.00	07/24/1972	1605
112N68W6DDDD	SDGS	112BDCN	290	--	--	U	--	--	1660
112N69W 1A	MONCUR, J	211DKOT	1223	1.5	04/24/1928	--	F	--	1592
112N69W 1DDDD	SDGS	112BDCN	275	--	1973	U	--	--	1598
112N69W 2CCCC	SDGS	112BDCN	215	--	1973	U	--	--	1635
112N69W 2DADA	G.KOECK	211DKOT	1315	5	1968	H,S	2.00	09/ /1972	1605
112N69W 3CDDD	USGS	112TULR	23	1.25	10/20/1972	U	6.13	03/17/1977	1637
112N69W 3DCB	LOSEY, CLYDE	112TULR	21	48	--	U	13.00	07/ /1967	1633
112N69W 3DDCC	C.LOSEY	112TULR	130	24	--	H,S	25.00	10/ /1972	1640
112N69W 4CCCC	SDGS	112TULR	200	--	1973	U	--	--	1668
112N69W 6CCCC	SDGS	112TULR	170	--	1973	U	--	--	1692
112N69W 8CDDD	SDGS	112TULR	44	--	--	U	--	--	1725

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
112N69W12DADA	G.SMITH	211DKOT	1177	1	1917	H,S	30.00	09/ /1972	1610
112N69W13ABBD	R.ALLAIR	112TULL	180	18	--	U	20.00	09/ /1972	1640
112N69W14B	SPEIRS, J R	211DKOT	1332	1.25	04/ /1921	--	F	--	1680
112N69W7DDA	F.KOICK	112PLSC	60	18	--	1955	S	32.00	09/ /1972
112N69W18DCD	B.DEUTER	112PLSC	100	24	--	H	60.00	09/ /1972	1775
112N69W19BCCB	E.PIETZ	112PLSC	50	24	1962	H,S	15.00	09/ /1972	1848
112N69W20BAB	L.JONES	112PLSC	85	24	1974	S	75.00	09/ /1974	1810
112N69W21AAAA	SDGS	112PLSC	35	--	1975	U	--	--	1800
112N69W22B	CAHALAN	211DKOT	1450	1	--	1942	--	04/ /1942	1800
112N69W27CCA	D.WANGNESS	112PLSC	80	24	--	H,S	--	--	2005
112N69W28DCC	D.DEUTER	112PLSC	108	3	09/25/1981	H	80.00	09/ /1972	2020
112N69W29	WANGNESS, INC.	112PLSC	71	5	--	--	--	--	2040
112N69W30ABC	USGS	112PLSC	102	--	1973	U	--	--	2060
112N69W31ABAD	W.DEGEEST	112PLSC	80	2	--	H	40.00	09/ /1972	2050
112N69W32BBBB	SDGS	112PLSC	110	--	1975	U	--	--	2050
112N69W34CCCC	REDIGER, CLIFF	112PLSC	140	--	1975	U	--	--	1996
112N69W4DACC	C.REDIGER	112PLSC	139	5	05/02/1985	H	105.00	P	1980
112N69W34DCA	HUGHES, JACK	211DKOT	105	24	--	H,S	--	--	1970
112N70W 1D	T.JENNINGS	211DKOT	1422	2	09/17/1977	--	--	--	1685
112N70W 2BCAA		211DKOT	1300	3	1949	H,S	27.00	03/ /1957	1695
112N70W 3BBBD	T.JENNINGS	217FLRV	1620	1	--	H,S	438.00+	--	1700
112N70W 3DDDD	SDGS	217FLRV	155	--	1973	U	--	--	1714
112N70W 5DDDD	SDGS	217FLRV	140	--	1973	U	--	--	1742
112N70W 6AAA	T.JENNINGS	217FLRV	1670	1	1959	H,S	F	05/ /1973	1730
112N70W 9ACDD	H.ULMER	217FLRV	1705	1	1966	H,S	F	05/ /1973	1750
112N70W12	CNW	112PLSC	154	--	--	--	--	--	1713
112N70W13B	REE HEIGHTS, CI	211DKOT	1414	0.5	07/25/1963	--	--	--	1750
112N70W20BCD	JENNINGS, TEC	221SNDC	1975	1.5	09/18/1973	--	F	--	1910
112N70W20BCDA	J.BLAIR	112PLSC	120	18	--	H,S	80.00	05/ /1973	1902
112N70W22DDA	H.NICHOLAS JR.	112PLSC	90	2	--	U	--	--	1920
112N70W23AA	H.NICHOLAS JR.	112PLSC	32	30	05/10/1966	H,S	16.00	05/ /1973	1820
112N70W23AA2	HOYT JR., NICKO	112PLSC	38	--	1973	U	--	--	1820
112N70W26DCAC	USGS	112PLSC	87	--	1964	H,S	76.00	05/ /1973	1910
112N70W27AAB	E.SCHOCK	112PLSC	130	15	1970	S	--	--	1942
112N70W27AAC	E.SCHOCK	112PLSC	39	18	--	--	--	--	1970
112N70W31CBD	I.FOUST	112PLSC	50	24	--	H,S	20.00	1974	2010
112N70W34	--	112EMCK	83	--	--	U	--	--	1940
112N70W34DDAC	D.FAWCETT	112EMCK	51	4	1973	H	14.00	09/ /1973	1900
112N70W4DDCA	D.FAWCETT	112EMCK	40	24	--	H	--	--	1900
112N70W5CCCCA	USGS	112EMCK	16	--	1973	U	--	--	1900

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N6W 1A	BAXTER, M H. SCHULITZ	211DKOT 217FLRV	963 1280	1.5 1	03/09/1935	--	F	10/ 10/	1375 1370
113N6W 1AAD	H. SCHULITZ	112TULR	60	24	--	H,S	26.00	/1948 /1948	1375
113N6W 1DBD	USBR	112TULR	118	--	1953	U	--	--	1379
113N6W 2CCC	G. HARRING	112TULR	38	18	--	H,S	14.00	10/ 10/	1390
113N6W 3BC									
113N6W 3BDD	G. HARRING	112TULR	55	24	--	H,S	20.00	1948	1390
113N6W 3DC	B. BOWMAN	112TULR	51	18	--	H,S	25.00	09/ 09/	1385
113N6W 4CDD	WESTENHAVER, E	112TULR	20	30	--	H,S	8.00	1948 1948	1385
113N6W 4CDDD	E. WESTENHAVER	112TULR	9	36	--	S	6.00	10/ 10/	1380
113N6W 5CCB	H. LACY	211DKOT	1100	4	--	H,S	F	11948 11948	1383
113N6W 7AAA	SDGS	112TULR	29	--	1973	U	--	--	1386
113N6W 7AAC	CONKEY, STANLEY	112TULR	60	--	--	U	--	--	1387
113N6W 7ACD	S. CONKEY	211DKOT	1040	5	1973	S	32.00+	09/ 09/	1405
113N6W 7ADD	S. CONKEY	217FLRV	1187	1	1963	H	81.00+	1974 1974	1395
113N6W 7ADD2	E. CONKEY	211DKOT	1148	2	1922	H,S	F	10/ 10/	1397
113N6W 7BBBB	SDGS	112TULR	29	--	1973	U	--	--	
113N6W 7D	CONKEY, STAN	211DKOT	1048	1.5	--	--	F	01/ 01/	1401
113N6W 7D2	CONKEY, STANLEY	211DKOT	1054	--	--	--	F	/1966 10/20/1965	1405
113N6W 7D3	CONKEY, STANLEY	217FLRV	1187	1.5	--	--	F	06/13/1963	1405
113N6W 8AAC	OLIGMUELLE, WIL	112TULR	40	--	--	U	--	--	1385
113N6W 8AADA	SDGS	112TULR	34	--	1973	U	--	--	
113N6W 8BCCB	USGS	112TULR	17	1	1973	U	9.00	--	1380
113N6W 8CBB	J. JONES	211DKOT	999	3	1909	H,S	--	--	1385
113N6W 8CBCC	SDGS	112TULR	34	--	1973	U	--	10/ 10/	1397
113N6W 8CCCC	USBR	112TULR	110	--	1951	U	--	--	1402
									1404
113N6W 8DAA	CONKEY, STANLEY	112TULR	60	--	--	U	--	--	1400
113N6W 9AAB	L. JONES	112TULR	31	12	--	H,S	8.00	10/ 10/	1395
113N6W 9AABB	SDGS	112TULR	29	--	1973	U	--	--	1377
113N6W 9BCCB		112TULR	29	--	1973	U	--	--	1379
113N6W 9DDB	CONKEY, STANLEY	112TULR	60	--	--	U	--	--	1385
113N6W 9DDD	E. CONKEY	112TULR	28	24	--	U	--	--	
113N6W 9AABA	M. JONES	112TULR	61	--	--	H	12.00	10/ 10/	1380
113N6W 10DAD	P. OLINGER	112TULR	25	16	--	H,S	22.00	10/ 10/	1390
113N6W 11	BULTMAN, ROY	112TULR	43	7.88	12/01/1980	H	11.00	10/ 12/01/1980	1380
113N6W 11CBC	USGS	112TULR	38	1	1973	U	24.00	--	1380
113N6W 11CCA	BULTMAN, ROY LE	112TULR	100	--	--	U	--	--	1377
113N6W 11CCA2	BULTMAN, ROY L	112TULR	51	--	--	U	--	--	1377
113N6W 11CCCB	SDGS	112TULR	57	--	1973	U	--	--	1378
113N6W 12BBB	M. ROEBER	211DKOT	1000	2	--	H,S	F	10/ 10/	1380
113N6W 12DDA	B. GAUDIG	211DKOT	1000	3	1908	H,S	F	/1948 /1948	1365

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N6W12DDDD	USGS	112TULR	102	--	1962	U	--	--	1360
113N6W13C	HOUSTON, EMMET	211DKOT	990	1.5	03/19/1924	--	F	--	1375
113N6W13DAD	D.JOHNSEN	112TULR	33	24	--	--	11.00	10/ /1948	1380
113N6W14AD	C.JOHNSEN	112TULR	22	24	--	S	11.00	10/ /1948	1375
113N6W14BCB	H.JOHNSEN	112TULR	42	18	--	H,S	22.00	10/ /1948	1395
113N6W14DCBA	A.KULIK	112TULR	28	24	--	H,S	13.00	10/ /1948	1380
113N6W15DD	BINGHAM, JOHN	112TULR	76	8.75	05/29/1981	H	35.00	05/29/1981	1396
113N6W15DDD	J.BINGHAM	112TULR	44	18	1958	H,S	34.00	1948	1395
113N6W16AA	H.LACY	112TULR	26	18	--	U	11.00	10/ /1948	1485
113N6W17BBA	S.CONKEY	211DKOT	1043	1	1912	H,S	F	10/ /1948	1400
113N6W17BBAA	S. CONKEY	211DKOT	1048	4	1966	S	43.00+	09/ /1974	1402
113N6W18BBC	F.JENNEN	211DKOT	1000	3	--	H,S	F	10/ /1948	1413
113N6W18B	--	211DKOT	1020	1.25	--	--	F	--	1415
113N6W19CD	H.LACY	112TULR	57	24	--	U	11.00	10/ /1948	1420
113N6W20BCB	H.BOLIN	112TULR	10	18	--	S	6.00	10/ /1948	1410
113N6W20CCC	L.NOE	112TULR	23	18	1948	H,S	11.00	10/ /1948	1415
113N6W21BBC	SDGS	112TULR	30	--	--	U	--	--	1395
113N6W22BBB	W.PAUTSCH	211DKOT	974	1	1907	H,S	F	10/ /1948	1400
113N6W23ADD	R.CARSTENS	112TULR	41	36	--	H,S	24.00	10/ /1948	1385
113N6W23ADD	JONES, JERRY	112TULR	67	8.75	08/01/1981	H	33.00	08/01/1981	1380
113N6W24BCC	J.SARGENT SR.	112TULR	21	--	--	H,S	10.00	10/ /1948	1375
113N6W24DDA	SARGENT, BURTON	112TULR	120	9	04/03/1981	H	45.00	04/03/1981	1405
113N6W24DDD	USGS	112TULR	135	--	1963	U	4.00	07/ /1963	1405
113N6W25BBBB	USBR	112TULR	125	--	1954	U	--	--	1404
113N6W25ADA	J.MCGIRR	211DKOT	900	1	--	H,S	F	10/ /1948	1405
113N6W25DADA2	D.SIEGLING	211DKOT	1195	2	1973	H,S	51.00+	09/ /1974	1405
113N6W27DAB	J.SIEGLING	112TULR	81	18	--	H,S	31.00	10/ /1948	1410
113N6W27DAB2	J.SIEGLING	112TULR	74	18	--	S	14.00	10/ /1948	1410
113N6W27DAB3	D.SIEGLING	217FLRV	1240	1	1959	H,S	58.00+	09/ /1974	1410
113N6W29CB	J.SCHLEDER	112TULR	20	18	--	S	13.00	10/ /1948	1415
113N6W31	WATKINS, JOE	217FLRV	1345	5	02/15/1980	H	46.00+	09/ /1974	1432
113N6W31BCB	HANNAN ESTATE	112TULR	26	36	--	H,S	14.00	02/15/1980	1435
113N6W31CCCC	USBR	112TULR	24	1	1948	U	18.00	07/ /1948	1442
113N6W31CCCC2	USBR	112TULR	40	1	1950	U	7.00	08/ /1950	1442
113N6W31CCCC3	SDGS	112TULR	43	--	--	U	--	--	1442
113N6W31CCCC4	USGS	112TULR	17	1	1973	U	9.00	10/ /1973	1442
113N6W31CCCC5	SDWR	112TULR	15	--	--	--	--	--	1442
113N6W31DD	R.WATKINS	112TULR	50	18	1963	H,S	22.00	09/ /1948	1435
113N6W32CBCB	SDGS	112TULR	53	--	1973	U	--	--	1426
113N6W32CCC	W.GAUDIG	112TULR	25	24	1948	U	8.00	10/ /1948	1435

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	WATER MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N6 6W32CCCC	USBR	H. SNODGRASS	112TULR 217FLRV	30 1260	1 --	1949 1952	U --	12.00 --	11 / 1949 --
113N6 6W32D	H. SNODGRASS	H. SNODGRASS	211DKOT	900	--	--	S	19.00	F 10 / 1948
113N6 6W32DCD	USBR	H. SNODGRASS	112TULR	61	1	1950	U	6.00	10 / 1950
113N6 6W32DCD2	H. SNODGRASS	H. SNODGRASS	221SND	1400	3	--	H,S	5.00	10 / 1948
113N6 6W32DDCD	USBR	F. LOCKNER	112TULR	40	1	--	U	7.00	11 / 1950
113N6 6W33ADA	USBR	F. LOCKNER	211DKOT	1000	2	--	H,S	F 6.00	10 / 1948
113N6 6W33CCCC	USBR	H. SNODGRASS	112TULR	20	1	--	U	10.00	10 / 1950
113N6 6W33CCCC2	USBR	H. SNODGRASS	112TULR	40	1	--	U	5.00	10 / 1950
113N6 6W33CCCD	A. SCHLEIDER	A. SCHLEIDER	112TULR	25	--	--	H,S	10.00	10 / 1948
113N6 6W33CDDD	USBR	J. SCHLEIDER	112TULR	39	1	1950	U	3.00	09 / 1950
113N6 6W33CDDD2	USBR	J. SCHLEIDER	112TULR	96	1	1950	U	4.00	11 / 1950
113N6 6W33DDB	USBR	J. SCHLEIDER	112TULR	33	18	--	S	15.00	10 / 1948
113N6 6W34CCCC	USBR	J. SCHLEIDER	112TULR	24	1	1948	U	6.00	07 / 1948
113N6 6W34CCCC2	USBR	J. SCHLEIDER	112TULR	40	1	--	U	5.00	12 / 1950
113N6 6W34DCCC	USBR	J. LACKNER	112TULR	40	1	--	U	1.00	07 / 1950
113N6 6W34DDD	USBR	J. LACKNER	211DKOT	970	1	1912	H,S	3 F	10 / 1948
113N6 6W35AAD	USBR	C. EHRLERS	112TULR	7	36	--	U	3.00	10 / 1948
113N6 6W35B	DENNVILLE, THEO	DENNVILLE, THEO	211DKOT	991	1.5	09/20/1927	--	F	0 / 1950
113N6 6W35BCC	C. LOCKNER	C. LOCKNER	211DKOT	1050	2	--	H,S	F	10 / 71948
113N6 6W35CCCC	USBR	H. SWANEEY	112TULR	31	1	--	U	9.00	10 / 1949
113N6 6W36CCCC	USBR	H. SWANEEY	112TULR	39	1	--	U	14.00	10 / 1949
113N6 6W36DD	E. SPICER	E. SPICER	211DKOT	987	2	1948	H,S	F 6.00	10 / 1948
113N6 6W36DDDD	USBR	L. GOYKE	112TULR	102	4	1955	U	6.00	07 / 1952
113N67W 1AD	H. SWANEEY	H. SWANEEY	112TULR	28	18	--	H,S	12.00	10 / 1948
113N67W 1BBC	SDGS	L. GOYKE	112TULR	49	--	1973	U	--	9 / 1949
113N67W 1BBC2	USGS	L. GOYKE	112TULR	37	1	1973	U	12.00	09 / 1973
113N67W 1BC	USGS	L. GOYKE	112TULR	23	18	--	S	--	--
113N67W 1BCCC	SDGS	L. GOYKE	112TULR	47	--	1973	U	--	1393
113N67W 1BCCC3	B. SIMONS	L. GOYKE	112TULR	17	--	--	U	13.00	10 / 1948
113N67W 1CAAC	SIMONS, DAVID	SIMONS, DAVID	112TULR	40	--	--	U	--	1395
113N67W 1CCB	E. JENNER	E. JENNER	211DKOT	1165	2	--	H,S	F 6.00	10 / 1948
113N67W 1CCB2	E. JENNER	E. JENNER	112TULR	32	24	--	U	6.00	10 / 1948
113N67W 1CDDD	SDGS	B. SIMONS	112TULR	34	--	1973	U	--	1407
113N67W 2CDC	B. SIMONS	B. SIMONS	211DKOT	1028	1	--	H,S	F	10 / 1948
113N67W 2DCDD	SDGS	RINGELBAUER, BE	112TULR	39	--	1973	U	--	1405
113N67W 3	D. CARL	D. CARL	310MNL	1447	2	12/11/1979	H	--	1420
113N67W 5AB	USBR	L. VESKRNA	211DKOT	1000	1	--	H,S	F	10 / 1948
113N67W 5CCCC	L. VESKRNA	L. VESKRNA	112TULR	138	--	1953	U	--	1443
113N67W 6ADA			211DKOT	1100	1	--	H,S	F	10 / 1948

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N67W 6CB 113N67W 7AAC 113N67W 7DDA 113N67W 8BBBB 113N67W 8CD	L. VESKRNA BERTSCH, ALBERT O.JOHNSON SDWR L.RESEL	112TULR 112TULR 112TULR 112TULR 112TULR	45 90 47 63 63	18 -- 18 -- 24	-- U H,S -- U	-- 11.00 32.00 -- 22.00	09/ -- 10/ -- 10/	/1948 -- /1948 -- /1948	1475 1465 1460 1459 1455
113N67W 9AAA 113N67W 9CCC 113N67W 9CCCC2 113N67W10 113N67W13DDD	R.BOGE L.RESEL L.RESEL VAN HEUVEL, DAV G.GROGAN	112TULR 112TULR 211DKOT 112TULR 217FLRV	35 16 1194 25 1200	24 -- 2 -- 1	-- U H,S U F	-- 10.00 1948 -- F	10/ 10/ 10/ -- 10/	/1948 /1948 /1948 -- /1948	1428 1440 1440 1430 1415
113N67W15CDC 113N67W15CDDD 113N67W15DAAA 113N67W16DDDD 113N67W19AAA	E.HORN J.FANNING D.SUTPHEN SDGS P.JOHNSEN	211DKOT 310MNL 211DKOT 112TULR 112TULR	1100 1500 1100 125 62	4 -- -- 18 --	-- H,S H,S U H,S	1973 F F -- 30.00	10/ 04/ 10/ -- 10/	/1948 /1973 /1948 -- /1948	1440 1440 1430 1448 1480
113N67W20BBB 113N67W21BBBB 113N67W21DDD 113N67W22AAAA 113N67W22ACA	M.STYLES USBR E.KELLY SDGS E.HORN	211DKOT 112TULR 211DKOT 112TULR 112TULR	1000 120 996 110 22	3 -- 1 -- 24	-- H,S H,S U U	1953 1908 1976 1976 --	10/ 10/ 10/ 10/ 10/	/1948 /1948 /1948 /1948 /1948	1475 1460 1455 1435 1435
113N67W23BAB 113N67W23CDD 113N67W25DBD2 113N67W27AAA 113N67W27DDDD	J.ERFMAN P.GREGAN W.COTTON SDGS SDGS	217FLRV 112TULR 112TULR 112TULR 112TULR	1260 38 43 110 95	1 24 43 -- --	-- H,S U U U	1260 21.00 7.00 -- --	10/ 10/ 10/ -- --	/1948 /1948 /1948 -- --	1430 1440 1435 1444 1456
113N67W29C 113N67W30ADA 113N67W31B 113N67W31CC 113N67W31CCCC	MELBER, GEORGE J.VITTERS GRACE, DONALD C.LANZ USBR	211DKOT 211DKOT 211DKOT 211DKOT 112TULR	1305 1119 1100 1200 25	-- 2 1 1 1	-- H,S H,S U 1948	09/29/1973 F F U U	-- F F 21.00 --	-- /1948 /1958 /1948 /1949	1475 1485 1485 1500 1501
113N67W31CCCC2 113N67W32CCCC 113N67W32CCCC 113N67W32CCCC 113N67W32CDCC	USBR C.LANZ USBR LANZ, C SDGS	112TULR 112TULR 112TULR 211DKOT 112BDCN	40 72 40 1111 335	1 -- 1 3 --	-- H,S U 1948 U	1950 33.00 4.00 1973 --	07/ 10/ 07/ 10/ 06/	/1950 /1948 /1950 /1948 /1949	1501 1485 1485 1486 1485
113N67W32DDC 113N67W33CCCC 113N67W34BB 113N67W34CCCC 113N67W34CCCC2	A.OLSON USBR A.OLSON USBR USBR	112TULR 112TULR 211DKOT 112TULR 112TULR	32 40 1050 24 40	18 1 1 1 1	-- H,S H,S U U	5.00 7.00 1912 11.00 8.00	10/ 07/ 10/ 07/ 07/	/1948 /1950 /1948 /1948 /1950	1490 1486 1470 1470 1470

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N67W35CCCC 113N67W35CCDD	USBR SDGS	112TULR 112TULR	40 170	1 --	1950 1976	U U	11.00 --	07/ /1950 --	1490 1480
113N67W36CCCC 113N68W 1BCCC	USBR USGS	112TULR 112TULR	41 18	1 24	1949 1973	U U	10.00 11.00	11/ /1949 10/ /1973	1457 1450
113N68W 1CB	W.BROWN	112TULR	20	--	--	H,S	13.00	10/ /1948	1480
113N68W 1CCB 113N68W 1CCB2 113N68W 2AAD	W.BROWN A.SHAW A.MULLEN	211DKOT 112TULR 211DKOT	1064 157 33	3 -- 24	-- H,S H,S	F U F	10/ /1948 -- 10/ /1948	1480 1480 1480	
113N68W 2CBB 113N68W 4BCB	H.BUSHFIELD, JR.	211DKOT	1200	1	--	H,S	F	10/ /1948	1485
113N68W 4CB 113N68W 6ADD	H.BUSHFIELD, JR. USGS	112TULR 112TULR	200 32	-- 24	1953 1973	H U	-- --	-- --	1515 1497
113N68W 6CAB 113N68W 6DAB	A.WEISE MRS. SCHWEITZER	112TULR 112TULR	42 88	24 24	-- --	H,S H,S	7.00 --	10/ /1948 --	1525 1510
113N68W 7ADD	O.JACOBS	211DKOT	1170	1	1952	H,S	F	09/ /1974	1525
113N68W 7CBB 113N68W 8ADD	F.TEWS CAHALAN INV.CO.	211DKOT 112TULR	1300 18	2 18	-- --	H,S	F	10/ /1948 10/ /1948	1535 1510
113N68W 8BBC 113N68W 8D	A.WEISE CAHALAN, A.B A.MYERS	112TULR 211DKOT 112TULR	1136 1136 16	72 2 24	01/ /1925 -- --	U U H,S	7.00 8.00 8.00	10/ /1948 10/ /1948 10/ /1948	1522 1522 1490
113N68W11DA 113N68W12	F.PETERSON DALLEY, MARY	217FLRV 211DKOT	1400 1100	1 1.25	07/05/1910 --	H,S	F	10/ /1948 --	1480 1480
113N68W12DCC 113N68W15CCB	I.EGAN A.GROSS	217FLRV 211DKOT 211DKOT	1400 1255 1165	2 1 3	-- 1923 1924	H,S H,S F	F F F	10/ /1948 10/ /1948 12/ /1924	1485 1495 1525
113N68W20ADD 113N68W21BBAC 113N68W22AAA 113N68W22AAZ 113N68W22DDD	DON M.DAVIS R.WAGNER R.WAGNER F.BROWN	211DKOT 211DKOT 112TULR 112TULR 112TULR	1200 1150 50 200 70	2 2 12 -- 18	-- H,S -- 1950 --	H,S F F H,S H,S	-- 34.00 -- 1952 13.00	10/ /1948 10/ /1948 10/ /1948 10/ /1948 10/ /1948	1525 1520 1500 1500 1510
113N68W23BBBB 113N68W23CCBC 113N68W23CCCC 113N68W24ADDA	R.WAGNER R.WAGNER R.WAGNER F.BROWN	112TULR 112TULR 112TULR 112TULR	53 139 135 139	18 -- -- --	-- 1953 1952 1954	S U U U	46.00 -- -- --	10/ /1948 10/ /1948 10/ /1948 10/ /1948	1500 1498 1500 1488
113N68W24CCCD 113N68W24CCDC 113N68W25AAA 113N68W25CBB 113N68W25CBBC	C.HARRELL HARRELL, OLA -- MRS. E.JAMIESON D.GRACE	211DKOT 211DKOT 211DKOT 211DKOT 211DKOT	1107 1215 1133 1120 1100	1 2 1.25 1 1	-- 06/18/1982 -- -- 1958	H,S F F H,S S	-- -- -- -- 22.00+	10/ /1948 -- 10/ /1948 09/ /1974	1500 1500 1490 1510 1510

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N68W29CCC --	A.CAHALAN M.WORK USBR H.BUSHFIELD	211DKOT 211DKOT 112TULR 211DKOT	1140 1238 1300 1125	5 1 2 1	-- 1957 1950 --	H,S H,S H U	F F 12.00 --	10/ /1948 10/ /1948 07/ /1950 --	1565 1564 1585 1575
113N68W29CCD --	D.WATERS C.BIDDLE USBR USBR	211DKOT 211DKOT 112TULR 112TULR	1145 1118 40 60	2 3 1 1	-- 1921 -- 1950	H,S U U U	F F 18.00 4.00	07/ /1950 07/ /1950 07/ /1950 07/ /1950	1573 1564 1560 1546
113N68W32CCC USBR USBR J.MONCUR USBR USBR	112TULR 112TULR 211DKOT 112TULR 112TULR	41 41 1266 41 188	1 1 1 1 1	1930 1950 1923 1950 1952	U U H U U	21.00 9.00 -- 9.00 --	21.00 9.00 -- 9.00 --	07/ /1950 07/ /1950 -- 07/ /1950 --	1573 1564 1560 1562 1546
113N68W34DDDD USBR SDGS D.WATERS C.BIDDLE USBR USBR	112TULR 211DKOT 211DKOT 112TULR 112TULR	1140 1145 1118 40 60	1 2 3 1 1	-- 1964 1921 -- 1950	U H,S U U U	7.00 6.00 F 18.00 9.00	7.00 6.00 F 18.00 9.00	07/ /1950 07/ /1974 07/ /1948 07/ /1950 08/ /1950	1545 1540 1540 1531 1508
113N68W35CCCC 113N68W35DDBD 113N68W35DCC 113N68W36CCC 113N68W36DCCC	USBR SDGS D.WATERS C.BIDDLE USBR	112BDCN 112BDCN 112BDCN 112BDCN 112BDCN	200 275 58 22 185	1 -- -- 12/12/1973 1927	1950 1973 U U 1974	U U H,S H,S U	-- -- 16.00 11.00 --	-- -- -- 05/ /1973 --	1500 1530 1530 1546
113N68W36DCCC2 113N68W36DDDD 113N69W 1CD 113N69W 1CDC 113N69W 2DDDD	USBR SDGS D.WATERS C.BIDDLE USBR	112TULR 112TULR 112TULR 112TULR 112TULR	58 22 24 185 185	-- 12/12/1974 1927 1974	-- 12/12/1974 1927 1974	U U H,S U	-- 16.00 11.00 --	-- -- 05/ /1973 --	1508 1530 1530 1546
113N69W 4 113N69W 4C	RYMEN, EARL SDGFP L.LOUISE STATE GF&PARKS STATE, GF&PARKS	211DKOT 221SNDC 221SNDC 112TULR 217FLRV	1228 1560 1560 119 1427	1.25 2 2 4 1.25	04/16/1921 10/05/1982 10/05/1982 1973 09/10/1927	-- -- -- P --	-- -- -- F --	-- -- -- --	1580 1595
113N69W 5D2 113N69W 6DDBD 113N69W 9AAAA 113N69W1DDA 113N69W1DDC	STATE STEPTOE, BILL SDGS G.AYMAR CARL, HOWARD	217FLRV 211DKOT 112BDCN 211DKOT 112TULR	1427 1334 200 1150 32	1.25 -- -- 1 --	03/23/1935 1957 1975 1953 11/22/1971	-- H,S U H,S --	F 9.20+ -- 24.00+ F	-- 07/17/1974 -- 05/ /1973 --	1572 1593 1582 1560 1624
113N69W14DDDD 113N69W17BCCB 113N69W24BB 113N69W24C 113N69W26AAA	SDGS K.STEPTOE REINHARDT, JOHN DIEKHOFF, CLIFF SDGS	112BDCN 217FLRV 112TULR 112TULR 112BDCN	245 1545 2 45 230	-- 2 04/10/1964 11/03/1973 1974	1974 1973 H H U	-- -- -- -- --	-- H -- -- --	-- -- -- -- --	1565 1615 1628 1635 1573
113N69W26DDCB 113N69W27C 113N69W27DCC 113N69W28CC 113N69W28CCC	G.MATSON K.OECK, DONALD D.KOEC W.DANIELSON DANIELSON, WALT	211DKOT 217FLRV 112TULR 112TULR 217FLRV	1320 1575 125 160 1583	1 2 12 3 2	11/13/1973 -- 1953 04/15/1980 04/15/1980	H,S H,S H S F	F F 64.00 64.00 05/ /1973	05/ /1973 -- 05/ /1973 -- --	1590 1600 1595 1617 1623

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
115N66W28AAA 115N66W28CCC 115N66W28CCC2 115N66W29 115N66W29ADB	J.FALLON J.FALLON J.FALLON NELSON, M A NELSON, M.A.	112TULR 211DKOT 112TULR 112TULR 112TULR	1045 25 95 58	12 1 18 --	-- 05/06/1976 -- U	S H,S U --	8.00 11.00 19.00 12.00	07/ /1950 07/ /1950 -- 08/ /1950	1350 1378 1378 1370 1370
115N66W30AB 115N66W30CCB 115N66W30CCDC 115N66W30CCDC2 115N66W30D	G.MORIARTY ANDERSON, R R.ANDERSON R.ANDERSON ANDERSON, RUSSE	112TULR 112TULR 112TULR 217FLRV 112TULR	31 25 16 1200 80	18 18 30 1 --	-- 1954 -- 12/03/1975 --	U I I H,S --	25.00 19.00 28.00+ 30.00	07/ /1950 -- 08/ /1950 12/03/1975	1375 1375 1370 1373 1373
115N66W30DC 115N66W30DD 115N66W30DDDB 115N66W30DB2 115N66W31ACCA	G.JOYCE G.JOYCE ANDERSON, RUSSE ANDERSON, RUSSE ANDERSON, RUSSE	112TULR 112TULR 112TULR 112TULR 112TULR	44 43 110 140 44	18 20 -- -- --	-- U U U U	-- 24.00 -- -- --	25.00 19.00 12.00 8.00 5.00	09/ /1948 08/ /1950 -- -- --	1375 1375 1377 1377 1360
115N66W31BCBB 115N66W31BCCC 115N66W31CAAA 115N66W32BBA 115N66W32DDDC	USGS SDWR ANDERSON, R F.HAGE MORRISON,KNOX	112TULR 112TULR 112TULR 112TULR 112TULR	20 20 25 10 11	1 1 1 28 --	-- -- -- U U	-- U I S U	6.00 12.00 12.00 8.00 5.00	10/ /1973 -- -- -- --	1365 1365 1355 1360 1355
115N66W31BCB 115N66W31CBB 115N66W33CB 115N66W34ADAD 115N66W34CBB	W.ALEXANDER WRC C.ALEXANDER F.FALLON R.SCHULTZ	112TULR 112TULR 112TULR 112TULR 112TULR	40 117 49 52 28	24 -- 20 24 36	-- 1966 -- -- --	H,S U U S U	30.00 -- 23.00 24.00 26.00	07/ /1950 -- 07/ /1950 07/ /1950 07/ /1950	1380 1378 1375 1375 1375
115N66W36BCBA 115N66W36DCCA 115N67W 3AAA 115N67W 4CABA 115N67W 5AAB	E.PETERSON V.WAGNER SDWR K.NEU J.NEU,JR.	211DKOT 211DKOT 112TULR 211DKOT 112TULR	980 1112 75 800 60	2 1 1 3 --	1959 1946 -- 1947 --	S H,S -- U U	F F -- 68.00+ 15.00	1974 07/ /1950 -- 03/ /1959 07/ /1950	1355 1365 1394 1410 1400
115N67W 7CDD 115N67W 7DB 115N67W 8AABD 115N67W 8AABD2 115N67W 8AABD3	CLEMENT, H J HURD, WILBUR C.CARROLL C.CARROLL C.CARROLL	211DKOT 211DKOT 112TULR 112TULR 112TULR	1075 1112 170 16 25	6 1 -- 28 --	1922 1946 -- U U	-- U U U U	-- 8.00 26.00 19.00	-- 07/ /1950 -- 07/ /1950 07/ /1950	1450 1450 1400 1400 1400
115N67W 8ABAD 115N67W 9CA 115N67W1ADA 115N67W1ADA2 115N67W13AB	W.HURD C.MORRIS R.SHOOP R.SHOOP R.SHOOP	211DKOT 211DKOT 112TULR 211DKOT 211DKOT	1082 6 1 990 990	-- 1 -- 3 30	-- U U S U	F F -- F F	5.00 -- -- 8.00 19.00	07/ /1950 07/ /1950 07/ /1950 07/ /1950 07/ /1950	1400 1400 1390 1390 1380

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
115N67W13CDDD	USBR	112TULR	98	1	1951	U	22.00	08/ /1951	1381
115N67W13CDDD2	USBR	112TULR	25	1	1951	U	5.00	08/ /1951	1381
115N67W13CDDD3	USBR	112TULR	15	1	1951	U	5.00	08/ /1951	1381
115N67W14	VAN ZEE, DESMON	211DKOT	1190	2	10/14/1974	--	F	--	1385
115N67W16DCDD	USBR	112TULR	85	--	1951	U	--	--	1400
115N67W17BCDD	STRASBURG, GORD	112TULR	170	--	--	U	--	--	1440
115N67W17C	STRASBURG, GORD	112TULR	160	--	03/09/1976	--	70.00	03/09/1976	1445
115N67W17DC	STRASBURG, A	211DKOT	1150	1	--	H,S	--	07/ /1950	1440
115N67W17DCCC	STRASBURG, A	112TULR	242	5	1953	H	--	--	1440
115N67W18AAA	H.CLEMENT	211DKOT	1070	1	1905	S	F	07/ /1950	1445
115N67W18C	STRASBURG, GORD	112TULR	155	--	03/09/1976	--	100.00	03/09/1976	1445
115N67W18CLEMENT	H.CLEMENT	112TULR	52	18	--	H,S	40.00	07/ /1950	1450
115N67W18DCD	CARLETON PAR.	112TULR	48	18	1949	--	40.00	07/ /1950	1450
SDWR		112TULR	139	--	--	S	--	--	1448
115N67W18DDD	F.BRINK	211DKOT	1028	--	--	F	--	07/ /1950	1450
115N67W19AD		112TULR	45	1	1951	U	5.00	06/ /1951	1460
115N67W19BBBBB	USBR	112TULR	30	1	1951	U	2.00	08/ /1951	1460
115N67W19CABA	USBR	112TULR	30	1	1954	U	3.00	05/ /1954	1460
115N67W19CABB	USBR	112TULR	205	--	1953	U	--	--	1460
115N67W19CABB2	USBR	112TULR	192	8	1953	U	39.00	07/ /1953	1462
115N67W19CABBB	J.CANHAM	112TULR	166	12	1953	I	41.00	12/ /1953	1460
115N67W19CABBB4	USBR	112TULR	188	1	1953	U	38.00	05/ /1954	1460
115N67W19CABBB5	USBR	112TULR	30	1	1954	U	6.00	05/ /1954	1459
115N67W19CABBB6	USBR	112TULR	30	1	1954	U	19.00	05/ /1954	1462
115N67W19CBAAA	USBR	112TULR	190	1	1953	U	40.00	07/ /1953	1462
115N67W19CBAB	USBR	112TULR	181	1	1953	U	39.00	07/ /1953	1462
115N67W19CBBA	USBR	112TULR	179	1	1953	U	38.00	07/ /1953	1460
115N67W19DAAA	J.CANHAM	211DKOT	1050	--	--	H,S	--	--	1450
115N67W19DAAA2	J.CANHAM	112TULR	100	18	--	U	35.00	08/ /1948	1451
115N67W20AABC	F.&J.HOOVER	112TULR	50	18	--	H,S	37.00	07/ /1950	1440
115N67W20BBBBB	USBR	112TULR	43	1	1951	U	6.00	06/ /1951	1448
115N67W21BADD	MRS.H.ANDERSON	112TULR	54	18	--	H,S	28.00	07/ /1950	1445
115N67W21BBBBB	USBR	112TULR	103	1	--	U	26.00	06/ /1951	1425
115N67W21BBBB2	USBR	112TULR	50	1	1951	U	24.00	06/ /1951	1425
115N67W21BBBB3	USBR	112TULR	20	1	1951	U	5.00	09/ /1951	1425
115N67W22ABBB	USBR	112TULR	80	1	1951	U	23.00	06/ /1951	1394
115N67W22BBBBB	USBR	112TULR	78	1	1951	U	11.00	06/ /1951	1393
115N67W22BBBBB2	USBR	112TULR	20	1	1951	U	11.00	06/ /1951	1398
115N67W22DC	R.HAAS	217FLRV	1200	2	--	H,S	F	07/ /1950	1390
115N67W22DCC	STRASBURG, GORD	112TULR	150	--	--	U	--	--	1390

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
115N67W23BBBB	USBR	STRASBURG, GORD	112TULR	61	1	1951	U	06/ /1951	1378
115N67W23C	HUENEKE BROS.	STRASBURG, GORD	112DKOT	1063	1	05/19/1976	--	05/19/1976	1380
115N67W23CBB	USBR	STRASBURG, GORD	112TULR	110	--	1949	--	07/ /1950	1385
115N67W23CDBD	USBR	STRASBURG, GORD	112TULR	40	1	--	U	--	1395
115N67W24AAA	C. CONNELLY	SDWR	112TULR	59	20	--	H,S	33.00	1380
115N67W24ABAC	USBR	ANDERSON, RANDA	112TULR	50	1	1951	U	23.00	1386
115N67W24BBBBB	USBR	ANDERSON, RANDA	112TULR	20	1	1951	U	10.00	1386
115N67W24BBBB2	C. CLEMENS	ANDERSON, RANDA	112TULR	43	18	--	H,S	27.00	1390
115N67W24BBD	ANDERSON, ROCK	ANDERSON, ROCK	112TULR	110	--	12/03/1975	--	29.00	1382
115N67W25AAA	D. BEATTY	217FDRV	112TULR	102	--	--	--	--	1381
115N67W25C	HURD, LARRY	211DKOT	112TULR	115	--	10/15/1975	--	10/15/1975	1378
115N67W25CCAA2	W. HURD	211DKOT	112TULR	132	--	--	U	--	-1387
115N67W26CD	M. ANDERSON	N. ANDERSON	112TULR	16	18	1950	S	7.00	1375
115N67W27	RURAL, CREDIT B	211DKOT	979	1.5	11/23/1936	--	F	--	1382
115N67W27AA	E. DAVIS	211DKOT	1200	2	--	1942	H,S	--	1385
115N67W28CCA	W. HERMANN	112TULR	144	--	--	U	--	--	1415
115N67W28DADD	R. NASH	211DKOT	1000	1	--	H,S	--	07/ /1950	1397
115N67W29AADA	V. CALKINS	112TULR	34	20	--	H,S	22.00	07/ /1950	1420
115N67W29CBCB	C. MILLER	112TULR	37	18	--	H,S	26.00	07/ /1950	1435
115N67W30AB	M. REINHART	112DKOT	1100	7	--	1947	H,S	--	1455
115N67W31ADD	PHILLIPS, GERAL	211DKOT	42	12	--	H,S	10.00	07/ /1950	1425
115N67W31CCA	WAGNER, LENARD	112TULR	30	24	07/23/1981	S	20.00	07/23/1981	1445
115N67W31DA	V. CALKINS	211DKOT	1100	--	--	H,S	F	07/ /1950	1425
115N67W32B	USGS	112TULR	39	18	03/30/1979	S	20.00	03/30/1979	1425
115N67W32BBCB	W. HERMANN	112TULR	36	24	--	H,S	16.00	07/ /1950	1420
115N67W33BBCB	R. NASH	217FDRV	1300	1	--	S	--	07/ /1950	1425
115N67W33BBABC2	R. NASH	211DKOT	900	3	--	--	F	07/ /1950	1425
115N67W34BBCABA	USGS	112TULR	32	--	1973	U	--	--	1385
115N67W34BBCBAB	USGS	112TULR	41	--	1973	U	--	--	1395
115N67W36CDDC	G. NIELSON	112TULR	37	1	1973	U	14.00	10/ /1973	1375
115N67W36DAB	COYLE, JOE	112TULR	43	12	--	U	33.00	07/ /1950	1385
115N68W 2CD	J. COYLE	112TULR	37	--	12/12/1974	--	23.00	12/12/1974	1490
115N68W 2CDDD	M. REINHART	112TULR	26	--	1962	H,S	20.00	1973	1490
115N68W 3BBBA	L. SCHAEFER	112TULR	50	24	--	H,S	30.00	09/ /1973	1510
115N68W 8CDC	USGS	112TULR	17	1	1973	U	9.00	--	1505
115N68W 8CDCDC	USGS	112TULR	52	--	1973	U	--	--	1510
115N68W11	MULLANY, LEONAR	211DKOT	1128	2	05/31/1949	--	H,S	--	1500
115N68W11BC	L. MULLANEY	112TULR	180	3	--	H,S	--	--	1500

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN HAND COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	CASING WELL OR TEST HOLE (FEET)	DIAH- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
115N68W13CCDD	SDGS	112TULR	39	--	1973	U	--	--	1470
115N68W13DCC	USBR	112TULR	153	--	1951	U	43.00	06/ /1951	1464
115N68W13DCCC2	USBR	112TULR	30	1	1951	U	6.00	08/ /1951	1464
115N68W4DBBC	J.POLLOCK	211DKOT	1100	1	1908	H,S	F	--	1473
115N68W14DD	POLLOCK, JIM	112TULR	47	24	06/03/1975	H	43.00	06/03/1975	1470
115N68W15AA	J.POLLOCK	112TULR	50	18	--	H,S	27.00	04/ /1946	1480
115N68W15AAC	POLLOCK, GORDON	112TULR	28	24	08/06/1981	H	17.00	08/06/1981	1480
115N68W15ADBB	POLLOCK, GORDON	112TULR	62	5	10/11/1985	H	25.00	P	1587
115N68W15DDDD	USBR	112TULR	125	1	1951	U	7.00	09/ /1951	1461
115N68W15DDDD2	USBR	112TULR	40	1	1951	U	6.00	09/ /1951	1461
115N68W15DDDD3	USBR	112TULR	18	1	1951	U	6.00	09/ /1951	1461
115N68W16AAA	SDGS	112TULR	170	--	1975	U	--	--	1500
115N68W17BBBB	SDGS	112TULR	170	--	1975	U	--	--	1533
115N68W17D	KRAMPS, JOE	310MNL	1600	1.5	12/06/1972	--	F	--	1515
115N68W19DD	L.NABER	112TULR	70	18	--	H,S	60.00	1973	1560
115N68W20BAAB	J.KRAMPS	310MNL	1600	1.5	1972	H,S	F	06/ /1973	1530
115N68W21AAA	A.HARDES	221SND	1505	1	1963	S	F	1974	1480
115N68W22DDCD	HARDER BROS.	211DKOT	1150	3	--	H,S	--	--	1470
115N68W23ABBB	POLLOCK, GORDON	112TULR	33	24	08/08/1981	S	23.00	08/08/1981	1468
115N68W23BBA	USBR	112TULR	135	8	1951	U	11.00	09/ /1951	1464
115N68W23BBB	J.HINES	112TULR	20	24	--	U	5.00	04/ /1947	1467
115N68W23BBBA	USBR	112TULR	41	1	1951	U	6.00	06/ /1951	1464
115N68W23BBBA2	USBR	112TULR	13	1	1951	U	7.00	07/ /1951	1464
115N68W24BBBB	USBR	112TULR	40	1	1951	U	29.00	06/ /1951	1462
115N68W26A	BRUEGEMAN, DAL	221SND	1470	2	07/03/1973	--	F	--	1467
115N68W26ABAB	D.BRUEGEMAN	211DKOT	1131	2	1928	H	--	04/ /1974	1470
115N68W26ABAB2	D.BRUEGEMAN	221SND	1470	2	1973	S	111.00+	07/ /1973	1470
115N68W26BBBA	G.HARGENS	112TULR	13	30	--	H,S	--	--	1455
115N68W26DDDD	USBR	112TULR	149	1	1953	U	36.00	04/ /1954	1473
115N68W26AA	G.HARGENS	112TULR	46	18	--	--	30.00	09/ /1948	1490
115N68W29BAAC	D.NABER	221SND	1560	1	1953	H,S	--	07/ /1973	1530
115N68W30BDAA	BRUEGEMAN, LEO	211DKOT	1285	--	11/20/1965	--	--	--	1552
115N68W30BDBD	BRUEGEMAN, GEN	211DKOT	1300	2	10/08/1986	H	49.00	P	1447
115N68W35BBBB	USGS	112TULR	20	1	1973	U	6.00	09/ /1973	1450
115N69W1A	KOLDA, VERLIN	112TULR	210	4	07/13/1980	H, ,D	--	--	1550
115N69W1D	WIESELER, MYRON	221SND	1560	2	09/01/1982	--	--	--	1545
115N69W1DAD	M.WIESELER	112TULR	70	24	--	H,S	54.00	06/ /1973	1540
115N69W1D2	WIESELER, MYRON	221SND	1560	2	09/15/1982	--	--	--	1548
115N69W4ABB	HANEKE, BERNARD	112TULR	60	--	--	U	--	--	1640
115N69W4DABD	A.ANGLIN	112TULR	62	24	1966	H,S	6.00	06/ /1973	1620

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109N71W28DCBD	V.SMITH	112EMCK	30	24	1964	H,S	--	--	1733
109N71W28DDDD	V.SMITH	112EMCK	13	30	--	S	8.00	07/	1724
109N71W35BBBB	USGS	112EMCK	29	--	1969	U	--	--	1734
109N71W34BBBB	W.WELLS	112EMCK	40	24	--	S	11.00	05/	1720
109N71W34BBCB	USGS	112EMCK	16	--	1969	U	--	--	1721
109N71W34CBAD	A.SATTERLEE	112EMCK	20	24	--	H,S	--	--	1775
109N71W34CBBC	USGS	112EMCK	34	--	1969	U	--	--	1808
109N71W35BBBC	T.JENNINGS	112EMCK	33	18	--	S	12.00	05/	1722
109N72W 1CCCC	USGS	112EMCK	59	--	1969	U	34.00	09/	1769
109N72W 1DABBB	L.HARTSHORN	112EMCK	33	24	1950	S	4.00	07/	1880
109N72W 2DDDB	L.HARTSHORN	112EMCK	40	24	1960	S	--	--	1895
109N72W 3DCB	GALLAGHER, J	112EMCK	32	24	1931	H,S	19.00	--	1900
109N72W 3DDDD	USGS	112EMCK	19	--	1969	U	--	--	1882
109N72W 5DDDD2	KING, JAMES	112EMCK	39	--	1969	U	25.00	--	1919
109N72W 6CACC	USGS	112EMCK	44	--	09/10/1969	U	22.00	--	1915
109N72W 6CAOD	SHUR GROW CO.	112EMCK	44	24	1961	H,S	--	--	1945
109N72W 6DDDA	S.ST.JOHN	112EMCK	53	24	1967	U	40.00	08/	1950
109N72W 8AADC	SHUR GROW CO.	112EMCK	49	--	1959	S	5.00	08/	1890
109N72W10BBBB	USGS	112EMCK	34	--	1969	U	--	--	1903
109N72W10DABD	STEPHAN MISSION	112EMCK	41	18	1950	S	4.00	--	1930
109N72W10DACA	STEPHAN MISSION	112EMCK	80	--	--	S	--	--	1840
109N72W11AAAD	L.HARTSHORN	112EMCK	40	24	1950	U	--	--	1880
109N72W12BBBB	HARTSHORN RANCH	112EMCK	40	24	1958	H,S	--	--	1885
109N72W12BCCC	USGS	112EMCK	24	--	1969	U	--	--	1870
109N72W13CBCC	USGS	112EMCK	29	--	1969	U	--	--	1855
109N72W13DCCC	F.NOVAK	112EMCK	37	--	1929	H,S	--	--	1840
109N72W13BBBB	USGS	112EMCK	69	--	1969	U	12.00	09/	1969
109N72W13BCCB	S.LUCY	112EMCK	40	6	1966	H	--	--	1850
109N72W13BCCC	USGS	112EMCK	24	--	1969	U	17.00	09/	1833
109N72W14BDBB2	STEPHAN MISSION	211DKOT	1430	6	1948	N	90.00	1968	1834
109N72W14BDBB3	IMMACULATE CON.	211DKOT	1456	6	1961	P	--	--	1835
109N72W14DDBDA	L.HARTSHORN	112PLSC	25	24	--	S	--	--	1795
109N72W19ACBD	SHUR GROW CO.	211DKOT	1100	--	1961	S	--	--	1720
109N72W26DDAD	E.DURFEE	211DKOT	1275	2	1955	H,S	--	--	1785

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
109N72W32BBBB	MCCLASLAND &, S	211DKOT	1500	3	05/10/1959	--	.96	11/06/1973	1750
109N72W32BD	WESTERN, CATTLE	211DKOT	1500	2	10/25/1963	--	.F	--	1845
109N72W31DADD	KONRAD, PHIL	211DKOT	1340	2	1964	H,S	10.00	06/09/1969	1737
109N72W34DADD2	KONRAD, P	211DKOT	1320	3	1928	U	0.00	1737	1740
109N72W35ADCA	H. KONRAD	211DKOT	1280	--	1928	--	--	06/04/1975	1740
109N73W35ADCA2	H. KONRAD	211DKOT	1380	3	1960	H,S	15.00	1960	1743
109N73W 5CBBB	K LAZY K	211DKOT	1300	--	1923	H,S	30.00+	1953	1745
109N73W 8ADDA	CROW CREEK, LIV	310MNL	2335	2	09/15/1976	S	277.00+	09/15/1976	2050
109N73W12ACCB	SHUR GRO CO	310MNL	2150	1	1965	S	185.00+	1965	2025
109N73W12BDCB	JENNINGS, TED	310MNL	2140	1.5	03/20/1969	S	93.73+	06/04/1975	2040
109N73W20	KOSSER, MAY	211DKOT	1320	1.5	07/16/1960	--	--	--	--
109N73W20ABBB	K LAZY K	211DKOT	1320	1	1961	S	69.00+	1970	1705
109N73W25ADAD	M. DALY	211DKOT	1390	1	1967	S	F	06/ 1970	1640
109N73W31ADD	USBR	112PLSC	144	--	1956	U	--	--	1420
109N73W32AC	BRULE CATTLE C	211DKOT	900	3	1938	U	--	--	1400
110N71W 2ACC	E. DEWITT	211DKOT	1710	2	1951	--	--	--	--
110N71W 3CBDD	J. PEKAREK	112PLSC	22	24	1945	H,S	--	--	1970
110N71W 3CBDD2	J. PEKAREK	112PLSC	35	--	1969	S	--	--	1960
110N71W 3CCAA	J. PEKAREK	112PLSC	30	24	1967	S	--	--	1970
110N71W 4AABB	PEKAREK, LARRY	310MNL	2110	1.5	01/22/1969	H,S	268.65+	06/05/1975	2020
110N71W 4BBBC	USGS	112PLSC	47	--	1973	U	--	--	--
110N71W 4DBAA	J. PEKAREK	112PLSC	45	24	1965	H,S	--	--	1980
110N71W11ABA	DEWITT BROS.	310MNL	2156	1	1965	S	F	1969	2045
110N71W5BAAA	C. SINGLE	112PLSC	40	24	1964	H,S	--	--	1890
110N71W5BCA	C. SINGLE	310MNL	2000	1	1970	--	F	1970	1930
110N71W17ADD	J. QUIRK	112PLSC	14	24	1966	U	4.00	06/ 1969	1835
110N71W20ADD	T. JENNINGS	112PLSC	28	24	1966	S	--	--	1830
110N71W21CD	R. VANOVERSHIELD	112PLSC	9	--	--	--	--	--	1880
110N71W21A	G. FAWCETT	112PLSC	50	--	1959	--	--	--	1800
110N71W21AAC	R. FAWCETT	112PLSC	56	30	1915	H,S	--	--	1760
110N71W24C	USGS	112PLSC	50	--	1973	U	--	--	1780
110N71W24CACD	F. NOVOTNY	112PLSC	30	30	1949	H,S	--	--	1750
110N71W24CACD2	F. NOVOTNY	112PLSC	27	32	1949	S	--	--	1750
110N71W29BDAB	G. FAWCETT	112PLSC	30	30	--	S	--	--	1760
110N71W26C	G. WHEELHOUSE	112PLSC	60	24	1965	U	--	--	1825
110N71W29DBCC	T. JENNINGS	112PLSC	33	24	1965	S	--	--	1790
110N71W32AAAB	L. RINHART	112PLSC	35	24	--	U	--	--	1750
110N71W32AAAB	L. RINHART	310MNL	1965	1	1964	H,S	F	--	1870
110N71W33B	L. RINHART	112PLSC	35	30	--	U	--	--	1810
110N71W33CBC	OLSON, L	112PLSC	26	24	1956	H,S	--	--	1740

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAM- ETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
113N73W 6ABC	USBR	112HGMB	40	1	1975	U	10.00	12/ /1975	1694
113N73W 6BCD	USBR	112HGMB	35	--	1975	U	--	--	1697
113N73W 6BDA	USBR	112ICMB	25	--	1975	U	11.00	09/ /1975	1694
113N73W 6BDB	USBR	112HOMB	25	1	1975	U	10.00	12/ /1975	1694
113N73W 6CBB	USBR	112HGMB	30	--	1975	U	--	--	1697
113N73W 9DBA	E. HAHN SDGS	217FLRV	1812	2	02/07/1958	H,S	F	--	1780
113N73W 9DDDD	W. GOEHRING JR. J. SHEPHERD SDGS	112BDCN 211DKOT 112PLSC 112PLSC	395 1562 85 200	24 1.25 36 --	1974 /1947 1969 1973	U H H,S U	-- 22.00 -- --	03/ /1947 -- --	1805 1780 1790 1780
113N73W10DBAA	L. PETERSON B. NEMEC L. AASBY	112PLSC 112HGMB 112ICMB 112HGMB	154 130 22 160	24 24 24 24	1963 1925 01/16/1980 --	S H,S H,S H,S	136.00 120.00 10.00 122.00	05/ /1974 05/ /1974 1974 05/ /1974	1830 1815 1810 1805
113N73W119ADDA	J. MIZE	SDGS	112HGMB	185	--	1974	--	--	1810
113N73W26AAA	SDGS	112HGMB 112HGMB 112PLSC 112PLSC	112HGMB 112HGMB 151 30	25 25 2 18	1975 1974 1941 --	U U S H	24.00 -- -- 20.00	09/ /1975 -- -- --	1750 1696 1805 1670 1680
113N73W26DDCC	SHENOLD BROS. SHENOLD BROS.	112PLSC	112OMNL	1	11/23/1949	H,S	--	--	1680
113N73W31DDC	T. CHERLAND CHERLAND, TILDE	211DKOT	1368	--	1950	H,S	--	--	1680
113N73W33DDDD	D.RUZICKA FAULSTICH, D	211DKOT 211DKOT	1464 1365	3	1949	H,S	10.00	1974	1683
114N71W 2CBC	FAULSTICH, DONL	310MNL	1304	2	1906	S	--	--	1671
114N71W 3ADCA	E. FAULSTICH	310MNL	1825	1.5	02/13/1978	--	--	--	1665
114N71W 4ACAC	HAIWICK, ORVILL	112BDCN	140	4	1930	S	27.00	--	1660
114N71W 4ACAC2	O.HAIWICK	112PLSC	140	3	--	H,S	50.00	--	1650
114N71W 4CCCC2	SDGS	112BDCN	330	--	1975	U	--	--	1658
114N71W 7DADC	PAULSTICH, JIM	112PLSC	120	6.5	09/12/1979	--	70.00	09/12/1979	1665
114N71W 8D	E. FAULSTICH	112PLSC	100	4	1968	H,S	--	--	1668
114N71W11CDCB	PAULSTICH, JAME	112BDCN	280	--	07/12/1979	--	--	--	1670
114N71W14BBBB	D.MORFORD	112BDCN	194	3	1950	H,S	69.00	05/ /1974	1680
114N71W14BBB2	D.PETERSON	112PLSC	120	4	--	H,S	--	--	1662
114N71W24CBBC	MESSENGER, SAM	211DKOT	1450	2.5	04/25/1979	I	25.00	04/25/1979	1655
114N71W27CC	C.CLEMENT	112PLSC	196	5	1959	I	--	--	1672
114N71W28D	KING, BARBARA L	211DKOT	1417	1.25	07/26/1941	--	F	09/ /1961	1670
114N71W28DDD	C.CLEMENT	211DKOT	1465	4	1961	H	--	--	1674
114N71W28D2	MITCHELL, CATTI	211DKOT	1397	2	--	--	--	--	1670
114N71W29CDC	C.CLEMENT	310MNL	1820	1	1965	S	--	--	1680
114N71W34BB	H.RASKE	112PLSC	266	5	1959	I	--	--	1725

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
114N73W29BCBC	M.ZILVERBERG	112BDCN	320	4	--	H,S	150.00	1973	1750
114N73W29BCBC2	M.ZILVERBERG	112BDCN	117	3	--	S	--	--	1750
114N73W30D	LARSON, L A	211DKOT	1409	1.25	06/02/1943	--	5.00	06/02/1943	1765
114N73W30D2	--	211DKOT	1501	1.25	--	--	--	--	1765
114N73W31DAD	USBR	112PLSC	35	--	1975	U	13.00	12/ /1975	1691
114N73W31DDA	USBR	112PLSC	30	--	1975	U	--	--	1697
114N73W33	A.FISCHER	112PLSC	105	4	1963	H	80.00	1963	1715
114N73W34CCCC	SDGS	112BDCN	335	--	1974	U	--	--	1750
115N71W 1BBCC	SDWR	112TULR	63	--	--	S	--	--	1780
115N71W 2ADA	D.BOUZEK	112TULR	24	3	1938	H	13.00	1973	1780
115N71W 2ADAC	D.BOUZEK	112TULR	15	36	--	S	8.00	07 / 1973	1780
115N71W 3ABCC	A.BOUZEK	112TULR	48	3	1951	H	--	--	1790
115N71W 3ABC22	A.BOUZEK	112TULR	58	4	--	S	--	--	1790
115N71W 7DD	L.STOLEY	112TULR	161	--	1959	--	--	--	1780
115N71W 8CCB	L.STOLEY	112BDCN	202	--	1959	--	--	--	1780
115N71W10BACA	C.BOUZEK	112BDCN	250	3	--	--	--	--	1780
115N71W11DD	SCHULTZ, ALFRED	217FLRV	1860	2	09/30/1983	H	--	--	1800
115N71W13BBBB	SDGS	112BDCN	290	--	1973	U	--	--	1750
115N71W14CADA	L.ZEMLICKA	112TULR	157	4	1971	H,S	60.00	1973	1740
115N71W15BBBB	SDGS	112BDCN	335	--	1973	U	--	--	1759
115N71W17BA	STOLEY, HARLAND	211DKOT	1551	2	07/08/1983	H	--	--	1800
115N71W17BAA	L.STOLEY	211DKOT	1503	3	1954	S	92.00	1954	1764
115N71W20ADC	V.BALOUN	112BDCN	243	--	--	S	--	--	1740
115N71W21AADA	--	112TULR	161	--	1949	--	0.00	1949	1730
115N71W22AAA	B.BOUZEK	112TULR	132	3	1954	H,S	35.00	1973	1730
115N71W23ACCA	R.BERNER	112TULR	132	4	1959	H,S	--	--	1715
115N71W24AA	ZEMLICKA, J	112TULR	91	--	1959	U	--	--	1720
115N71W25BCCC	L.ZEMLICKA	112TULR	131	3	1960	S	70.00	1973	1694
115N71W25CCCC	SDGS	112BDCN	245	--	1975	U	--	--	1680
115N71W27AA	W.SAMPSON	112TULR	181	--	1959	U	--	--	1705
115N71W27C	C.MORFORD	112PLSC	22	24	--	S	11.00	1973	1695
115N71W27CDC	C.MORFORD	211DKOT	1450	4	1974	H,S	31.00	04 / 1974	1690
115N71W28CCCC	SDGS	112PLSC	215	--	1975	U	--	--	1685
115N71W29AAB	V.BALOUN	112PLSC	245	3	--	H,S	45.00	07 / 1973	1720
115N71W32ABC	D.MORFORD	112PLSC	118	20	1960	S	--	--	1682
115N71W33BBA	HAIWICK, G	112PLSC	30	30	--	S	17.00	05 / 1974	1680
115N71W33BBA2	HAIWICK	112PLSC	33	18	1974	H	21.76	05/11/1977	1690
115N71W35DABD	T.CHERLAND	112PLSC	200	24	--	S	154.00	05 / 1974	1970
115N72W 1B	RIENHART, HARRO	112TULR	120	--	--	--	--	--	1800
115N72W 1BBBB	USGS	112TULR	100	2	1973	U	--	--	1800

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF CASING			USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
			WELL OR TEST HOLE (FEET)	DIAM- ETER (INCHES)	DATE COMPLETED				
115N72W 1BBBB2	RINEHART, HAROLD	112TULR	120	--	--	U	--	--	1800
115N72W 1DDAA	S.MCCLOUD	221SDNC	1980	1	1966	H,S	531.00	--	1785
115N72W 7DDDD	SDWR	112TULR	140	--	--	H,S	--	--	1825
115N72W 9DCDC	M.VANDENBERG	112TULR	150	6	1971	H,S	60.00	1973	1814
115N72W10C	VAN DON BERG, M	112TULR	160	8.75	07/29/1980	H	--	--	1807
115N72W11AAD	E.MILLER	211DKOT	1480	2	--	--	--	--	1797
115N72W11BBD	MCLOUD, SPEED	112TULR	130	--	--	I	--	--	1785
115N72W12CCC	SDGS	112BDCN	275	--	1973	U	--	--	1800
115N72W13CCCC	R.RASKE	112TULR	150	3	--	S	--	--	1774
115N72W15BBBB	SDGS	112BDCN	345	--	1974	U	--	--	1804
115N72W15DDD	R.RASKE	112TULR	150	4	1960	S	--	--	1800
115N72W16	GOLF COURSE, HI	112TULR	83	8.75	07/17/1980	H	--	--	1800
115N72W16AAA	SDWR	112TULR	141	--	--	--	--	--	1807
115N72W17DCD	A.JOHNSON	211DKOT	1500	2	--	--	--	--	1810
115N72W17DCD2	JOHNSON, AUGUST	211DKOT	1550	2	1916	U	F	--	1805
115N72W17DCD3	A.JOHNSON	112TULR	164	4	1968	--	--	--	1805
115N72W18AAA	SDGS	112BDCN	230	--	1974	U	--	--	1825
115N72W18AC	WEIDERBACK, LAR	112TULR	147	5	06/07/1983	H	109.00	06/07/1983	1830
115N72W18ACBD	JENSEN, J	112TULR	125	24	--	H,S	100.00	1973	1830
115N72W19	H.SIMONETTE	112TULR	156	2	1966	H	--	--	1797
115N72W19	BUCHEIM, HAROLD	112BDCN	260	5	04/10/1981	H	70.00	04/10/1981	1760
115N72W23CAD	SDGS	112BDCN	260	--	1973	H	--	--	1750
115N72W24CCCC	ROSELAND, STANL	112BDCN	200	--	--	--	--	--	1740
115N72W25B	J.CHRORLAND	112PLSC	20	24	1971	S	10.00	1973	1720
115N72W25DCD	W.SAMPSON	112PLSC	146	4	1965	--	40.00	1973	1765
115N72W29D	WEIDENBACH, LAR	112PLSC	152	8.75	07/19/1980	H	--	--	1772
115N72W29DAAA	L.WEIDENBACH	112PLSC	168	3	--	H,S	--	--	1770
115N72W30DDDD	SDGS	112BDCN	260	--	1974	U	--	--	1770
115N72W31DBDA	C.KUTZ	112PLSC	160	24	--	S	90.00	1973	1770
115N72W33BCCC	SUNDING, DANIEL	112PLSC	136	3	1957	S	--	--	1760
115N72W33BDDDD	SUNDING, DANIEL	112PLSC	125	3	1964	S	--	--	1760
115N72W34BCBC	SAMPSON, TERRY	112PLSC	150	4	1973	H,S	80.00	--	1755
115N72W34DAD	SUNDING, GLENN	112PLSC	145	4	1974	S	20.00	--	1740
115N72W35DABD	T.LARSON	112PLSC	140	3	--	H	--	--	1750
115N72W36CCCC	SDGS	112PLSC	215	--	1973	U	--	--	1715
115N73W 1BB	O.JENSEN	112TULR	31	--	--	--	--	--	1800
115N73W 2BA	JENSEN, LARRY	112TULR	15	--	07/23/1979	H	7.00	07/23/1979	1770
115N73W 2CDDD	O.JENSEN	112TULR	30	24	--	H	10.00	--	1780
115N73W 6CDBB	--	280	--	36/03/1976	--	--	--	--	1865
115N73W 6DB	H.RINEHART	310MMNL	2160	1	1965	S	522.00+	1965	1885

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- *continued*

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
115N73W 7DBB	RINEHART, HAROL	112TULR	67	5	06/09/1983	H	20.00	06/09/1983	1774
115N73W 7DBBD	SDGS	112TULR	35	--	07/26/1980	H	--	--	1755
115N73W 8D	SPILDE, TERRY	112TULR	58	8.75	07/26/1980	H	--	08/19/973	1764
115N73W 9AAB	C.CADMAN	112TULR	24	20	--	H,S	9.00	--	1784
115N73W12CC	SPILDE, TERRY	112BDCN	226	--	08/25/1981	--	--	--	1325
115N73W12CCCC	SDGS	112BDCN	305	--	1975	U	--	--	1820
115N73W12CCCD	R.MONROE	112TULR	150	4	--	H,S	60.00	06/08/1973	1325
115N73W15B	RINEHART H	112TULR	190	5	06/08/1979	S	125.00	06/08/1973	1800
115N73W16	RINEHART, HAROL	112TULR	134	8.75	05/17/1980	H	--	--	1866
115N73W16AAAA	SDGS	112TULR	185	--	1975	U	--	--	1860
115N73W17BAB	R.STIRLING	112TULR	14	24	--	S	6.00	--	1760
115N73W20D	BROWN BROS	112TULR	182	--	--	--	--	--	1820
115N73W22CCC	SDGS	112BDCN	410	--	1974	U	--	--	1801
115N73W23B	SPILDE, TERRY	112TULR	173	8.75	07/18/1980	H	--	--	1330
115N73W25CDA	D.KUTZ	112PLSC	160	--	--	H,S	--	--	1790
115N73W27ADD	KINDOOP	211DKOT	1500	3	--	--	--	--	1800
115N73W27DAAA	C.KINDOOP	211DKOT	1620	3	1966	H,S	70.00	1966	1800
115N73W30BBCB	SDGS	112PLSC	215	--	1975	U	--	--	1855
115N73W30BBC	BROWN	112PLSC	168	3	--	H	--	--	1845
115N73W30BCC2	BROWN, BROTHERS	112PLSC	183	4	03/1965	--	--	--	1845
115N73W30BCC2	BROWN	112PLSC	170	5	01/19/1981	d	120.00	01/19/1981	1845
115N73W33ADD	SDGS	112BDCN	290	--	1974	U	--	--	1795
116N71W 1AAD	R AESOPH	112PLSC	82	13	1960	H,S	40.00	1973	1980
116N71W 2CBD	HONEY OIL & GAS	310MMS	2186	--	1954	U	--	--	1967
116N71W 2CDBA	L.GRAU	112TULR	90	4	1966	H	--	--	1970
116N71W 9DDCB	C.PALMER	112TULR	80	13	--	H,S	38.00	07/19/1973	1930
116N71W1 2CD	WEISS, DON	112TULR	40	--	07/19/1979	d	10.00	07/19/1979	1915
116N71W12CDDA	D.WEISS	112TULR	14	24	1968	H,S	7.00	1973	1910
116N71W14	L.AESOPH	112TULR	20	18	--	H,S	--	--	1898
116N71W15	R.AESOPH	112TULR	50	--	--	H,S	--	--	1396
116N71W15DD	R.AESOPH	112TULR	17	13	--	H,S	--	--	1390
116N71W16AAA	SDGS	112TULR	260	--	1975	U	--	--	1930
116N71W18CDBB	M.CERMAK	112TULR	64	4	1953	H	50.00	1973	1910
116N71W20BB	J.VLCEK	217FLRV	1975	1	1967	--	F	1967	1900
116N71W24BCBC	A.ROBIDEAU	112TULR	85	18	--	H,S	65.00	07/1973	1360
116N71W28DDDC	M.BALOUN	112TULR	90	24	--	H,S	15.00	1973	1830
116N71W33DABA	M.BALOUN	217FLRV	1880	2	1965	S	--	1973	1360
116N71W34BBBB	SDGS	112BDCN	260	--	1975	U	--	--	1330
116N71W35DAAA	SDGS	112TULR	69	--	1973	U	--	--	1793
116N72W 1CDBA	H.HANSON	112TULR	48	5	1940	H,S	32.00	1973	1350

TABLE 2. -- RECORDS OF WELLS AND TEST HOLES IN HYDE COUNTY -- continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	DEPTH OF WELL OR TEST HOLE (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
116N72W 5BBBBB	SDGS	112TULR	290	--	1974	U	--	--	1895
116N72W 6ADD	N.ROSELAND	112TULR	85	36	1945	S	20.00	--	1973
116N72W12CCCC	SDGS	112TULR	185	--	1973	U	--	--	1895
116N72W13CCCC	MCGOUGH, J	112TULR	50	3	1945	H	35.00	--	1850
116N72W14BCDB	K.VOPAT	112TULR	8	36	--	H	5.00	--	1870
116N72W18DAAB	WEBER, LEON	221SNDC	1969	1.5	1956	H,S	440.40+	06/05/1975	1885
116N72W20BBBBB	SDGS	112TULR	215	--	1974	U	--	--	1885
116N72W21CBC	R.BALOUN	310MNL	2060	1	1968	S	441.00+	06/ /1973	1880
116N72W22BDC	R.BALOUN	112TULR	80	4	1967	H,S	20.00	1973	1870
116N72W24ABB	J.HEINZEN	112TULR	30	4	--	H	25.00	--	1880
116N72W24CCCC	SDGS	112TULR	200	--	1973	U	--	--	1860
116N72W30AAA	J.WEBER	112TULR	60	24	1973	H,S	30.00	--	1842
116N72W30AA2	WEBER, JOE	112TULR	72	--	05/25/1982	S	46.00	05/25/1982	1842
116N72W30DDDD	SDGS	112TULR	305	--	1974	U	--	--	1788
116N72W35D	RIENHART, HARROD	112TULR	110	--	03/01/1975	--	--	--	1790
116N73W 3CDCC	J.MYERS	112TULR	70	24	--	S	44.00	06/ /1973	1908
116N73W 4DDA	J.MYERS, RALPH	112TULR	130	5	07/25/1980	H	92.00	07/25/1980	1975
116N73W 4DDD	SDGS	112TULR	185	--	1975	U	--	--	1930
116N73W 6BBCB	SDGS	112TULR	65	--	1975	U	--	--	1890
116N73W10CBB	J.MYERS	112TULR	60	24	--	H	30.00	1973	1885
116N73W10CCCCA	SDGS	112TULR	380	--	1974	U	--	--	1910
116N73W13ABB	E.ELFRINK	310MNL	2100	1	1969	H,S	--	1973	1925
116N73W17CD	J.BOWN	112TULR	40	--	--	S	--	--	1895
116N73W19BBBBB	SDGS	112TULR	125	--	1975	U	--	--	1880
116N73W21BACA	J.BOWN	112TULR	65	--	--	S	--	--	1905
116N73W22CBCBC	H.POLZER	112TULR	80	15	--	H,S	--	--	1908
116N73W22CBCBC2	H.POLZER	112TULR	80	24	--	H,S	53.00	06/ /1973	1908
116N73W24ADAD	HUNT, N B	310MNL	2594	10.75	05/21/1952	--	F	--	1880
116N73W25CDC	E.JESSEN	112TULR	40	24	--	S	--	--	1835
116N73W25CDC	E.JESSEN	112TULR	40	24	--	H	16.00	1973	1832
116N73W25CDC2	E.JESSEN	112TULR	168	3	1947	U	35.00	1973	1832
116N73W25DDC	R.VAN BOCKEL	112TULR	200	3	1947	H,S	90.00	1973	1825
116N73W31BC	HUNT, N B	310MNL	2720	10.75	06/16/1952	--	F	--	1864
116N73W33AAAA	SDGS	112TULR	154	--	1975	U	--	--	1860
116N73W36ACC	R.VAN BOCKEL	112TULR	16	24	1972	S	9.00	1973	1780
116N73W36D	VAN BOCKEL, RAY	112TULR	35	8.75	07/25/1980	--	--	--	1800

Supplemental Information

Table 3. -- Chemical analyses of ground water in Hand and Hyde Counties

The following abbreviations are used:

DEG C - degree Celsius
US/CM - microsiemens per centimeter at 25 °Celsius
MG/L - milligrams per liter
UG/L - micrograms per liter
< - less than
ND - not detected
E - estimated

The following agency code numbers are used:

AGENCY COLLECTING OR ANALYZING

1028 - U.S. Geological Survey
46001 - South Dakota State University Soils Laboratory
46002 - South Dakota Water Resources Institute
46004 - South Dakota State Chemist
46006 - South Dakota State University Department of Station
 Biochemistry
46007 - South Dakota Division of Water Rights
55555 - Private individual
84913 - U.S. Geological Survey Water Quality Laboratory -
 Salt Lake City, Utah

The number under each parameter in the header is used when retrieving data from WATSTORE.

Chemical analyses are listed by aquifer in the following order:

Bad Cheyenne
Elm Creek
Highmore Blunt
Tulare
Pleistocene
Dakota
Sundance
Minnelusa

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	AGENCY COL- LECTING SAMPLE (00003)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00027)	TEMPER- ATURE (DEG C) (00010)	SPE- CIFIC CON- DUCTANCE (US/CM) (00095)	PH (STAND- ARD UNITS) (00400)	HARD- NESS (MG/L CACO ₃) (00900)	CALCIUM DIS- AS (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
Bad Cheyenne aquifer										
110N66W12BDDD	06-29-76	100	55555	1028	--	1220	7.2	550	140	48
111N66W 4A	0- -76	200	55555	1028	--	3050	7.5	530	140	46
111N66W14A	06-09-76	80	55555	1028	--	1080	7.3	630	180	45
111N66W14DBDC	06-09-76	70	55555	46002	--	1080	7.3	630	180	45
111N66W14DCCC	04-07-78	122	46002	46002	--	895	8.4	280	52	36
111N66W23AAAA	10-06-81	120	1028	1028	--	1450	7.3	750	200	62
111N66W23ABC	10-20-81	130	1028	1028	--	1500	7.5	720	200	53
111N66W26DDA	10-16-81	148	1028	1028	--	850	7.7	320	88	24
114N70W 6DDDB	08-25-77	259	1028	80020	13.0	2300	7.7	130	34	9.8
114N70W35CCCC	04-06-76	236	1028	84913	14.0	3150	7.6	210	52	19
--do--	06-19-80	235	46002	46002	--	3100	8.7	100	21	12
114N71W11CDCB	08-30-77	140	55555	80020	10.5	2400	7.6	130	36	10
114N72W25BBBB	10-30-73	280	1028	84913	--	2280	8.2	180	52	13
--do--	06-19-80	280	1028	1028	--	2150	8.8	68	14	8.0
114N73W13AADAA	06-11-75	300	55555	84913	--	2450	7.9	78	19	7.4
114N73W29BCBC	06-11-75	320	55555	84913	11.0	3000	7.9	74	21	5.3
--do--	08-24-77	320	55555	80020	7.0	3800	8.1	70	19	5.4
114N73W29BCBC2	08-30-77	117	55555	80020	11.5	2600	7.6	490	130	39
Elm Creek aquifer										
109N71W15C	02-13-81	80	55555	1028	--	1090	7.2	360	110	22
--do--	03-20-81	80	55555	1028	--	1180	7.2	490	120	48
109N71W24ACBC	05-26-69	32	1028	80020	8.5	1460	7.8	450	130	31
109N72W 6CACD	05-27-69	44	1028	80020	12.0	960	7.8	520	150	35
109N72W12BBBB	05-26-69	40	1028	80020	9.0	1030	7.7	430	110	38
109N72W14AAAA	05-21-69	50	1028	80020	11.5	4550	7.8	1900	470	180
--do--	06-09-70	50	1028	80020	--	4970	7.7	1800	450	160
110N70W 5CDAAA	10-26-73	37	1028	84913	--	1030	7.4	390	100	33
--do--	04-07-78	37	46002	46002	--	975	8.4	320	83	28
111N70W 3AACB	04-06-76	82	55555	84913	12.0	1700	7.6	600	160	49
111N70W 3DCCA	09-06-74	75	55555	84913	8.0	1390	--	550	150	42
--do--	0- -76	75	55555	1028	--	1520	7.9	550	140	49
111N70W10ABCC	10-07-68	75	55555	46001	--	1350	7.5	570	150	47
111N70W10DDBD	10-28-80	93	55555	1028	--	1300	7.5	540	130	51
111N70W33ACCC	04-15-68	85	55555	46001	--	1040	7.4	430	140	20
--do--	0- -77	85	55555	1028	--	--	7.	510	130	43
112N70W34	0- -68	83	1028	1028	--	1770	7.2	640	190	42
112N70W34DDCA	03-15-67	40	55555	46002	--	1540	7.2	540	200	9.6

SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	BICAR- BONATE (MG/L AS HC03) (00440)	CAR- BONATE (MG/L AS CO3) (00445)	NITRO- GEN, TOTAL NITRATE (MG/L AS N) (00620)	SOLIDS, SUM OF CONSTITUENTS, TOTAL DIS- SOLVED (MG/L AS FE) (70301)	IRON, TOTAL RECOV- ERABLE (UG/L AS MN) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	BORON, DIS- SOLVED (UG/L AS B) (01020)
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72	10	6.0	270	--	--	400	--	--	--	--	--	--	--
660	22	140	--	--	--	--	--	--	--	--	--	--	--
36	8.0	14	300	--	--	390	--	--	--	--	--	--	--
36	8.0	14	300	--	--	390	--	--	--	--	--	--	--
110	6.0	14	160	--	--	250	17	1.0	--	170	--	--	370
66	4.0	60	400	--	--	390	ND	--	--	--	--	--	--
71	4.0	60	400	--	--	400	--	--	--	--	--	--	120
55	6.0	12	120	--	--	380	--	--	--	--	--	--	--
500	11	310	250	.40	30	680	0	--	1500	--	--	--	930
710	12	470	210	.50	28	1090	0	--	2000	--	--	--	710
730	13	610	280	--	--	610	82	3.4	--	500	--	--	810
510	11	270	250	.50	30	720	0	--	1500	--	--	--	900
460	1.2	240	190	.50	30	780	0	--	1400	--	--	--	720
530	13	330	200	--	--	480	77	1.9	--	220	--	--	860
520	7.5	270	190	.60	27	820	0	--	1400	--	--	--	970
610	9.6	510	350	.50	27	450	0	--	1800	--	--	--	2300
680	8.5	630	290	.50	31	480	0	--	1900	--	--	--	2600
480	14	21	940	.20	25	640	0	--	2000	--	--	--	930
190	14	20	360	--	--	400	--	--	--	--	--	--	--
140	13	20	370	--	--	440	--	--	--	--	--	--	--
170	13	18	440	.50	31	440	0	.10	1100	--	--	--	490
12	5.6	4.2	310	.20	27	260	0	.76	670	--	--	--	30
61	7.9	9.4	260	.50	30	350	0	--	690	--	--	--	70
530	44	69	2400	.40	32	500	0	--	4000	--	--	--	90
650	55	81	2700	.40	30	480	0	80	4400	--	--	--	70
79	14	10	200	.30	30	420	0	--	670	--	--	--	260
73	13	8.0	170	--	--	380	7	1.8	--	1100	--	--	310
170	18	23	550	.30	24	500	0	--	1300	--	--	--	570
100	15	15	400	.20	31	420	--	--	960	--	--	--	400
210	20	22	--	--	--	--	--	--	--	--	--	--	--
59	14	--	390	--	--	450	0	--	760	--	--	--	--
86	16	55	330	--	--	390	--	--	--	--	--	--	--
160	19	4.0	260	--	--	360	--	--	--	--	--	--	--
53	17	15	--	--	--	--	--	--	--	--	--	--	--
190	16	28	--	--	--	--	--	--	--	--	--	--	--
170	15	20	480	--	--	450	--	--	--	--	--	--	--

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	AGENCY COL- LECTING SAMPLE (CODE (00003)	AGENCY ANA- LYZING SAMPLE (CODE (00027)	SPE- CIFIC CON- DUCTANCE (DEG C (00010)	PH DUC- TANCE (US/CM) (00095)	HARD- NESS (STAND- ARD UNITS) (00400)	CALCIUM (MG/L CACO3) (00900)	MAGNE- SIUM, DIS- SOLVED (MG/L AS CA) (00915)	CALCIUM DIS- SOLVED (MG/L AS MG) (00925)
Highmore Blunt aquifer										
112N72W17BBBB	05-19-70	16	1028	46002	--	1280	8.3	370	97	31
--do--	05-19-75	16	1028	46002	--	--	--	460	120	40
112N72W17BCBC	04- -70	20	46002	46002	--	1280	8.3	370	97	31
112N72W21BBD	11-15-76	22	1028	1028	--	614	7.5	290	87	18
112N72W23AADD	08- -52	145	55555	1028	--	--	8.0	460	130	33
--do--	04- -57	145	46006	1028	--	--	7.7	240	63	21
--do--	04-17-57	145	55555	1028	--	--	7.7	240	63	21
--do--	04-01-59	145	55555	1028	--	--	7.6	550	140	47
112N72W23AADD3	12-27-78	135	55555	1028	--	--	--	--	--	--
--do--	09-25-79	135	1028	1028	--	1650	6.9	690	200	45
112N72W23ADAD	02- -63	133	55555	1028	--	--	7.5	340	96	25
--do--	02-13-63	133	55555	1028	--	--	7.5	340	96	25
--do--	04-09-73	133	55555	1028	--	--	7.5	370	110	24
--do--	09-03-76	133	55555	1028	--	--	7.3	410	110	31
112N72W24CCBB2	02- -53	30	55555	1028	--	--	7.4	320	88	25
--do--	04-17-57	30	55555	1028	--	--	7.6	240	60	21
112N73W 7DACC	10-14-76	40	55555	1028	--	1020	7.1	350	82	35
112N73W15BBCC	06-26-79	39	1028	46002	--	672	7.9	220	48	24
112N73W16AAC	10-13-76	26	55555	1028	--	708	7.5	440	140	23
112N73W18BAD	06-16-76	24	55555	46002	--	1030	7.3	360	95	30
112N73W18BBBB	06-26-79	21	1028	46002	--	944	8.0	140	35	13
Tulare aquifer										
111N66W 1ABB	09-08-48	19	1028	1028	--	1020	8.0	430	94	47
112N66W 3DDDC	10-24-73	32	1028	1028	9.0	960	7.5	420	110	35
112N66W 3DDDC3	09-21-77	28	46002	46002	--	987	7.8	500	140	40
112N66W14DAAA	09-21-77	15	46002	46002	--	1130	7.5	490	130	42
112N67W18BBAA	04- -58	160	46004	1028	--	--	7.9	320	97	18
--do--	08-15-72	160	55555	1028	--	--	7.5	290	92	13
--do--	12-16-75	160	55555	1028	--	--	7.8	290	83	20
--do--	09-28-77	160	55555	1028	--	1850	7.6	280	79	21
--do--	08-07-78	160	55555	1028	--	--	--	--	--	--
--do--	04-28-80	160	55555	1028	--	2040	7.6	280	79	21
--do--	12-14-81	160	55555	1028	--	2030	7.7	300	83	22
112N68W26CCC	09-08-48	100	1028	1028	10.0	7040	7.8	3000	300	540
113N66W 7AAC	12-21-76	60	55555	1028	--	1060	8.0	430	120	34
113N66W 8AAC	01-04-77	40	55555	1028	--	859	7.2	380	91	38
113N66W 8BCCB	10-24-73	17	55555	84913	17.0	2500	7.7	920	230	84

SODIUM, SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	BICAR- BONATE (MG/L AS HC03) (00440)	CAR- FET-FLD (MG/L AS CO3) (00445)	NITRO- GEN, CAR- FET-FLD (MG/L AS N) (00620)	SOLIDS, SUM OF CONSTITUENTS, TOTAL DIS- ERABLE (UG/L AS FE) (70301)	IRON, TOTAL RECOV- ERABLE (UG/L AS MN) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS B) (01055)	BORON, DIS- SOLVED (UG/L AS B) (01020)
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110	11	32	270	--	--	--	--	1.9	--	21000	--	500
150	15	27	230	--	--	580	--	--	--	770	--	380
110	11	32	270	--	--	390	--	1.9	1000	--	--	500
16	4.0	8.0	73	--	--	320	--	--	--	--	--	--
--	--	18	410	.10	--	490	--	ND	--	100	--	--
37	5.1	14	35	.10	--	300	--	--	370	--	--	--
37	5.1	14	35	.10	--	300	--	4.0	--	4400	3100	--
31	6.2	52	230	.20	--	350	--	1.1	--	100	900	--
--	--	--	--	--	--	--	--	--	--	--	--	--
136	9.6	30	410	.20	--	600	--	<.10	--	400	1900	--
40	5.9	7.0	140	.10	--	350	--	--	520	--	--	--
40	5.9	7.0	140	.10	--	350	--	1.0	--	1400	400	--
46	5.5	13	170	--	--	330	--	<1.0	--	1800	600	--
47	7.0	13	150	--	--	400	--	<1.0	--	5300	700	--
--	--	13	100	<.10	--	300	--	3.0	--	ND	--	--
37	5.1	14	43	.10	--	290	--	3.0	--	ND	ND	--
110	7.0	16	240	--	--	380	--	--	--	--	--	--
71	7.0	4.0	93	--	--	330	--	.93	--	160	--	ND
40	3.0	8.0	110	--	--	370	--	--	--	--	--	--
110	8.0	16	210	--	--	360	--	--	--	--	--	--
18	6.0	2.0	160	--	--	460	--	1.2	--	650	--	60
72	1.2	15	200	.20	34	440	0	--	690	--	--	120
53	5.6	24	210	<.10	30	320	0	--	630	--	--	110
47	4.0	23	210	--	--	340	--	.09	--	1700	--	180
74	5.0	24	260	--	--	380	--	.44	--	1300	--	90
420	14	80	620	.50	--	590	--	--	1600	--	--	--
360	11	75	550	.40	--	560	--	.10	--	100	300	--
380	13	75	530	.60	--	580	--	<1.0	--	900	300	--
380	13	77	480	.40	--	580	--	<.10	--	1800	300	--
--	--	--	--	--	--	--	--	--	--	--	--	--
380	13	75	450	.40	--	610	--	<.10	--	800	400	--
380	13	76	460	.40	--	600	--	.34	--	200	500	--
1100	14	160	4300	.70	47	640	--	--	6800	--	--	170
85	9.0	34	200	--	--	360	--	--	--	--	--	--
43	6.0	26	130	--	--	430	--	--	--	--	--	--
240	17	110	870	.20	26	450	0	--	1800	--	--	370

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	COL- LECTING SAMPLE (00003)	AGENCY ANALYST LYZING SAMPLE (00027)	AGENCY SAMPLE (CODE NUMBER) (00028)	TEMPER- ATURE (DEG C) (00010)	SPE- CIFIC CON- DUCTIVI- TY (US/CM) (00095)	HARD- NESS (STAND- ARD UNITS) (00400)	CALCIUM (MG/L) SOLVED AS CACO3 (00900)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MC (00925)
Tulare aquifer (cont.)											
--do--	09-21-77	17	46002	46002	--	2780	7.1	1300	360	110	
113N66W 8DAAC	12-21-76	60	55555	1028	--	1060	7.9	430	120	33	
113N66W 9DDB	12-21-76	60	55555	1028	--	1210	7.9	420	87	49	
113N66W11CBCC	09-21-77	37	46002	46002	--	1400	7.7	570	130	61	
113N66W11CCA	08-30-76	100	55555	1028	--	934	7.7	420	110	36	
113N66W11CCA2	06-27-80	51	55555	1028	--	1550	7.9	650	140	71	
113N66W31CCCC5	09-21-77	15	46002	46002	--	692	7.4	370	100	26	
113N66W36DDDD	07-07-52	102	1028	1028	--	5300	7.5	1900	290	280	
113N67W 1BBCC2	09-21-77	37	46002	46002	--	867	7.8	540	140	45	
113N67W 1BC	09-08-48	23	1028	1028	--	4760	7.8	2100	400	260	
113N67W 1AAC	08-25-76	40	55555	1028	--	1120	7.3	460	130	30	
113N67W 6CB	09-08-48	45	1028	1028	--	1010	7.9	550	150	42	
113N67W 7AAC	12-12-77	90	55555	1028	--	727	7.7	350	110	21	
113N67W 8BBBBB	06-26-79	62	46002	46002	--	1440	7.9	650	120	86	
113N67W 9AAA	09-08-48	35	1028	1028	9.5	1810	7.8	820	180	90	
113N67W10	08-11-77	25	55555	1028	--	3310	7.2	1300	310	140	
113N68W 1BCCC	09-21-77	17	46002	46002	--	1210	7.2	650	160	65	
113N68W10CCC	09-08-48	16	1028	1028	11.0	5010	7.6	2500	570	260	
114N66W 4ADD	09-18-73	16	46002	46002	--	4670	7.2	1500	390	120	
114N66W 5DBB	03-08-76	50	55555	1028	--	938	7.8	390	99	34	
114N66W 9AAD	09-21-77	24	46002	46002	--	1360	7.2	700	180	61	
114N66W10CCA	12-06-76	145	55555	1028	--	1500	7.4	590	170	41	
114N66W10CCBB	09-21-77	26	46002	46002	--	1420	7.3	750	210	56	
114N66W13AAAD	10-24-73	17	1028	84913	11.0	450	7.7	230	63	18	
114N66W15CDDD	08-25-80	116	46002	46002	--	1900	8.7	90	18	11	
114N66W17BCCB	10-24-73	19	1028	84913	--	1320	7.6	460	120	40	
--do--	09-21-77	19	46002	46002	--	2170	7.4	920	250	71	
114N66W22DAAB	12-16-76	138	1028	1028	--	1320	7.4	590	160	47	
114N67W 8BBCB	10-24-73	17	1028	84913	--	1270	7.3	530	140	43	
114N67W 8BBCC	09-21-77	16	46002	46002	--	1340	7.2	630	180	46	
114N67W15BBBB	09-21-77	25	46002	46002	--	985	7.7	380	84	41	
114N67W16AADD	06-27-67	16	55555	46002	--	320	6.9	200	24	34	
114N67W27CCCB	09-21-77	27	46002	46002	--	1500	7.3	560	150	48	
114N67W35AAAA	08-21-77	103	46002	46002	--	2140	8.2	180	44	17	
114N67W36BBD	11-15-76	60	55555	1028	--	1390	7.5	480	130	37	
115N66W11CCA	10-05-77	110	55555	1028	--	850	7.5	410	120	26	
115N66W11DAAA	04-12-65	90	46002	46002	--	880	8.1	290	46	43	
--do--	09-21-77	90	46002	46002	--	1010	7.5	230	69	15	
--do--	10-22-80	90	46002	46002	--	550	8.7	130	16	21	
115N66W14AADD	09-21-77	26	46002	46002	--	2030	7.4	390	110	26	

SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS F) (00950)	BICAR- BONATE (MG/L AS SiO2) (00955)	CAR- FET-FLD (MG/L AS HCO3) (00440)	NITRO- GEN, CARBONATE (MG/L AS CO3) (00445)	SOLIDS, SUM OF TUENTS, TOTAL DIS- ERABLE (70301)	IRON, TOTAL RECOV- ERABLE (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (01055)	BORON, DIS- SOLVED (UG/L AS MN)
310 83 140 130 36	22 9.0 7.0 9.0 14	190 34 190 40 30	1100 -- 240 400 220	-- -- -- -- --	470 400 460 420 380	-- -- -- -- --	.33 -- -- .39 --	720 -- -- 400 --	-- -- -- -- --	640 -- -- 300 --		
110 21 710 15 520	7.0 2.0 9.2 4.0 24	51 13 230 14 410	460 90 2800 150 2000	-- -- 1.6 -- 1.5	410 340 290 430 570	-- -- 0 -- --	-- .10 -- .09 --	-- 700 4500 550 3900	-- -- -- -- 1000	-- -- 1500 260 620		
88 32 25 150 80	9.0 10 8.0 10 8.0	42 36 9.0 42 110	240 170 100 510 180	-- .10 -- -- .00	390 460 400 320 610	-- -- -- -- --	-- -- -- .82 --	-- 730 -- 40 1000	-- -- -- -- 200	-- -- -- -- 320		
330 41 340 .4 790 69	7.0 4.0 .4 510 29 10	220 68 1400 220 15 15	110 280 1400 2000 190 190	-- -- .20 -- -- --	650 400 430 750 360 360	-- -- -- -- -- --	-- .13 -- .35 -- --	-- 1700 3300 80 -- --	-- -- -- 2400 -- --	-- 110 610 800 -- --		
84 150 89 3.7 450	7.0 14 9.0 4.6 14	48 46 52 3.0 200	400 340 260 20 480	-- -- -- .10 --	380 590 630 230 300	-- -- -- 0 24	.58 -- .17 -- 1.7	-- -- -- 260 --	20000 -- 950 -- 1900	-- -- -- 70 1100		
110 190 100 83 79	6.0 7.0 14 9.6 10	71 150 37 58 60	280 750 330 260 340	.30 -- -- .10 --	380 340 430 420 440	0 -- -- 0 --	-- .85 -- -- .21	840 330 -- 840 7200	-- -- -- -- --	420 350 -- 100 330		
81 23 130 410 150	6.0 10 9.0 13 12	26 10 69 300 36	200 53 400 260 330	-- -- -- -- --	340 -- 430 450 540	-- -- -- -- --	.60 -- .44 .30 --	-- -- -- -- --	890 -- 560 540 --	-- -- 150 1100 --		
48 75 100 66 310	8.0 10 8.0 7.0 16	10 35 50 16 110	89 .40 81 62 370	-- 18 -- -- --	430 360 0 230 690	-- -- -- 12 --	-- -- .00 .67 4.1	-- 520 100 720 3800	-- 50 -- 190 --	-- 310 150 190 800		

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	COL- LECTING SAMPLE NUMBER (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER- ATURE (DEG C) (00010)	SPE- CIFIC CON- DUCTANCE (US/CM) (00095)	PH (STAND- ARD UNITS) (00400)	HARD- NESS CARBONATE (MG/L) (00900)	CALCIUM AS CARBONATE (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)
Tulare aquifer (cont.)										
115N66W14BB	09-04-57	110	1028	1028	--	2090	7.4	310	81	27
115N66W14BBDD	09-09-56	95	55555	46001	--	2000	7.8	340	43	57
--do--	0- -77	95	55555	1028	--	850	7.5	410	120	26
115N66W14CACC	09-05-75	126	1028	84913	--	2000	7.5	260	69	22
115N66W20BBD	02-18-77	135	1028	1028	--	1360	7.5	450	130	29
--do--	10-29-81	135	1028	1028	--	2200	7.6	340	80	34
115N66W20DABD4	09-03-57	77	1028	1028	--	930	7.5	430	110	37
115N66W21BBBB	10-22-81	122	46002	46002	--	1950	8.5	170	24	26
115N66W21DDAD	09-09-48	32	1028	1028	9.5	700	7.9	290	65	32
115N66W23B	0- -79	131	55555	1028	--	1450	7.6	--	--	58
115N66W29ADB	03-15-76	58	55555	1028	--	849	7.9	430	110	37
115N66W30DC	09-09-48	44	1028	1028	9.5	1560	8.0	860	180	100
115N66W30DDB	12-12-75	110	55555	1028	--	1500	8.3	51	12	5.0
--do--	10-29-81	110	55555	1028	--	1550	7.6	640	170	50
115N66W30DDB2	02-18-77	140	55555	1028	--	1370	7.6	790	220	57
--do--	04-28-80	140	55555	1028	--	1460	7.2	780	230	48
115N66W31ACCA	04-28-80	44	55555	1028	--	1280	7.0	600	190	29
--do--	10-29-81	44	55555	1028	--	1700	7.3	960	260	77
115N66W31BCBB	10-24-73	20	1028	84913	--	1410	7.3	680	170	61
115N66W31BCCC	09-21-77	20	46002	46002	--	1560	7.4	840	210	74
115N67W 3AAAA	07-31-79	75	46002	46002	--	1540	7.8	770	170	86
115N67W 7DDB	05-05-77	170	55555	1028	--	2020	7.6	490	110	50
115N67W17BCDD	03-31-76	170	55555	1028	--	1840	7.6	400	110	33
--do--	0- -77	170	55555	1028	--	2530	7.2	500	140	39
115N67W18DDDD	06-29-79	139	46002	46002	--	1590	7.5	290	57	37
115N67W19CABB3	07-27-54	166	1028	1028	9.0	2200	7.2	630	170	49
115N67W22DCC	05-12-77	150	55555	1028	--	794	7.6	320	96	19
115N67W23CDBD	09-13-76	110	55555	1028	--	805	7.3	390	110	28
--do--	09-21-76	110	55555	1028	--	2480	7.4	490	140	35
115N67W25AAAA	06-26-79	102	46002	46002	--	1630	8.0	280	40	43
115N67W25CCA2	0- -75	132	55555	1028	--	1520	7.4	290	69	29
--do--	04-28-80	132	55555	1028	--	1590	6.9	530	150	38
115N67W28CCA	0- -77	144	55555	1028	--	1600	7.6	490	100	55
115N67W36CDC	09-21-77	37	46002	46002	--	1170	7.6	530	140	44
115N68W 8CDCC	08-10-78	16	46002	46002	--	3880	7.7	1300	330	120
115N68W28AA	09-09-48	46	55555	1028	9.0	2630	7.7	830	230	63
115N68W35BBBB	09-21-77	20	46002	46002	--	2370	7.3	590	160	45
115N69W 4ABBB	08-29-77	60	1028	80020	10.0	1800	7.6	230	63	18
115N69W 6CCCC	08-26-77	30	1028	80020	13.0	3000	7.5	2000	350	270
115N69W 6CCDC	08-26-77	190	1028	80020	12.0	1360	7.7	130	36	9.6

SODIUM, DIS- SOLVED	POTAS- SIUM, DIS- SOLVED	CHLO- RIDE,	SULFATE	FLUO- RIDE,	SILICA,	BICAR- BONATE	CAR- FET-FLD	NITRO- GEN,	SOLIDS, SUM OF CONSTITUENTS,	IRON, TOTAL	MANGA- NESE,	BORON,
(MG/L) AS NA)	(MG/L) AS K)	(MG/L) AS CL)	(MG/L) AS SO4)	(MG/L) AS F)	(MG/L) SiO2)	(MG/L) HCO3)	(MG/L) AS CO3)	(MG/L) AS N)	(00620)	(01045)	(01055)	(0120)
(00930)	(00935)	(00940)	(00945)	(00950)	(00955)	(00440)	(00445)	(00620)	(70301)	(01045)	(01055)	(0120)
390	18	160	E400	.10	--	670	0	--	--	--	--	980
340	18	140	310	--	--	700	--	--	1300	--	--	--
--	--	10	--	--	--	--	--	--	--	--	--	--
380	13	150	340	.20	26	690	0	--	1300	--	--	920
160	17	56	310	--	--	570	--	--	--	--	--	--
370	14	210	350	--	--	710	--	--	--	--	--	--
42	9.3	22	E140	.30	--	430	0	--	--	--	--	--
400	16	170	390	--	--	400	34	2.6	--	300	--	930
47	6.4	6.3	110	.00	29	350	--	--	470	--	--	200
77	9.0	34	--	--	--	--	--	--	--	--	--	--
78	6.0	22	170	--	--	380	--	--	--	--	--	--
82	4.0	57	740	.20	21	260	--	--	1300	--	--	410
360	6.0	54	330	--	--	490	--	--	--	--	--	--
130	5.0	130	440	--	--	430	--	--	--	--	--	--
35	8.0	65	400	--	--	400	--	--	--	--	--	--
83	6.0	79	470	--	--	450	--	--	--	--	--	--
64	9.0	94	330	--	--	370	--	--	--	--	--	--
70	9.0	170	570	--	--	390	ND	--	--	--	--	150
60	7.8	67	330	.10	29	400	0	--	930	--	--	80
47	7.0	74	380	--	--	410	--	.04	--	1200	--	140
98	10	20	620	--	--	440	--	2.8	--	60	--	ND
300	15	94	480	--	--	660	--	--	--	--	--	--
290	15	110	450	--	--	420	--	--	--	--	--	--
380	21	--	190	--	--	--	--	--	--	--	--	--
280	16	68	370	--	--	460	--	1.8	--	110	--	290
290	14	110	520	.20	27	720	0	--	1500	--	--	740
48	5.0	10	120	--	--	390	--	--	--	--	--	--
21	13	3.0	43	--	--	480	--	--	--	--	--	--
370	20	130	590	--	--	720	--	--	--	--	--	--
310	20	100	250	--	--	660	--	1.3	--	270	--	600
57	25	88	--	--	--	--	--	--	--	--	--	--
210	10	110	330	--	--	590	--	--	--	--	--	--
260	13	120	--	--	--	--	--	--	--	--	--	--
89	10	32	220	--	--	510	--	1.4	--	1800	--	350
500	11	330	1300	--	--	240	--	110	--	30	--	1600
370	12	190	780	.20	71	660	--	--	2000	--	--	740
430	13	220	570	--	--	620	--	.43	--	2300	--	930
340	10	90	410	.40	28	490	0	--	1200	--	--	1800
140	11	67	1700	.50	31	410	0	--	2800	--	--	240
280	7.7	130	180	.70	25	480	0	--	910	--	--	1900

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	AGENCY	AGENCY	SPE-	HARD-	CALCIUM	MAGNE-
			COL- LECTING SAMPLE (CODE (00003))	ANA- LYZING SAMPLE (CODE (00027))	CIFIC			SIUM, DIS- SOLVED
			TEMPER- ATURE (DEG C) (00010)	CON- DUC- TANCE (US/CM) (00095)	(STAND- ARD UNITS) (00400)	(MG/L CACO ₃) (00900)	(MG/L AS CA) (00915)	(MG/L AS MG) (00925)
Tulare aquifer (cont.)								
115N69W 8CCD	08-26-77	80	1028	80020	11.0	1950	7.6	410
115N69W18CCCB	08-26-77	99	1028	80020	13.0	1120	7.7	170
115N70W 4AAAA	07-31-79	102	46002	46002	--	448	7.8	260
115N70W 6AAAA	06-29-79	71	46002	46002	--	456	7.8	270
115N70W 7CCBD	09-11-56	105	55555	46001	--	2600	7.5	710
115N70W10CDC	08-31-77	25	1028	80020	11.0	1020	7.6	540
115N70W10DDDC	08-26-77	90	1028	80020	12.0	720	7.6	160
115N70W14A	02- -74	70	1028	46002	--	790	7.6	130
115N71W 1BBCC	06-26-79	63	1028	46002	--	569	7.4	260
115N72W 1BBBB	10-26-73	100	55555	84913	--	825	7.6	280
115N72W 1BBBB2	08-09-76	120	55555	1028	--	705	7.4	180
115N72W 7DDDD	06-26-79	140	46002	46002	--	1050	8.0	140
115N72W11BBD	11-16-76	130	55555	1028	--	1740	7.3	890
--do--	12-16-76	130	55555	1028	--	1120	7.2	530
115N72W16AAAA	06-26-79	141	46002	46002	--	1440	7.9	460
116N66W 7BBAC	09-09-48	20	1028	1028	13.0	1720	8.0	1000
116N67W 7BC	09-09-48	12	1028	1028	11.0	1540	7.6	640
116N67W 9CCCA	07-25-77	45	55555	1028	--	1760	7.5	700
116N67W17CBCC	09- -72	38	46002	46002	--	2270	6.5	430
116N67W17CCCB	09- -72	36	46002	46002	--	2270	6.5	440
116N67W20BA	09-09-48	54	1028	1028	9.5	2620	7.9	800
116N67W25DDDD	10-24-73	37	1028	84913	8.0	1620	7.5	360
--do--	09-21-77	37	46002	46002	--	1820	7.6	420
--do--	06-19-80	37	46002	46002	--	1400	8.4	240
116N67W34CCA	12-06-76	80	55555	1028	--	1770	7.8	320
116N67W34CCA2	0- -77	71	55555	1028	--	1790	7.3	280
116N67W35AAC	09-02-76	79	55555	1028	--	2230	7.2	350
116N67W35AAC2	0- -77	90	55555	1028	--	1800	7.3	290
116N67W35BBD	05-02-77	90	55555	1028	--	1730	8.0	340
116N67W35C	0- -79	75	55555	1028	--	1430	7.3	240
116N67W35CCA	0- -76	79	55555	1028	--	1920	7.6	220
116N67W35CCA2	0- -77	95	55555	1028	--	1520	7.9	260
116N67W35C2	02-14-79	95	55555	1028	--	1300	7.5	440
116N68W12AAAD	04-07-78	15	46002	46002	--	1620	8.2	590
116N68W17BBAB	08-29-77	56	1028	80020	9.0	920	7.6	410
116N68W18BAAB	08-29-77	48	1028	80020	13.0	2350	7.9	130
116N68W19BAAB	08-29-77	220	1028	80020	15.0	2750	8.1	130
116N68W29BAAC	08-29-77	96	1028	80020	10.5	3400	7.9	1200
116N69W14CDCC	08-29-77	45	1028	80020	9.0	730	7.4	260
116N69W21CCD	08-29-77	60	1028	80020	10.5	980	7.8	80
								23
								5.6

	POTAS-	CHLO-		FLUO-	SILICA,	BICAR-		NITRO-	SOLIDS,	SUM OF	IRON,	MANGA-
SODIUM,	SIUM,	RIDE,	SULFATE	RIDE,	DIS-	BONATE	CAR-	GEN,	CONSTITUENTS,	TOTAL	TOTAL	BORON,
DIS-	DIS-	DIS-	DIS-	DIS-	SOLVED	FET-FLD	BONATE	NITRATE	RECOV-	RECOV-	DIS-	
SOLVED	SOLVED	SOLVED	SOLVED	SOLVED	(MG/L)	(MG/L)	(MG/L)	(MG/L)	TUENTS,	ERABLE	ERABLE	SOLVED
(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	AS NA)	AS K)	AS CL)	AS F)	RECOV	ERABLE	ERABLE	SOLVED
(00930)	(00935)	(00940)	(00945)	(00950)	(00955)	(00440)	(00445)	(00450)	(00620)	(70301)	(01045)	(01055)
300	12	97	410	.50	28	610	0	--	1300	--	--	880
180	8.1	55	90	.50	28	510	0	--	670	--	--	660
16	5.0	10	19	--	--	270	--	.39	--	0	--	ND
14	6.0	4.0	17	--	--	310	--	.52	--	400	--	ND
340	20	37	760	--	--	410	78	--	2100	--	--	--
32	16	15	250	.10	26	400	0	--	720	--	--	50
120	8.2	7.0	120	.40	30	360	0	--	520	--	--	480
160	10	34	100	--	--	390	--	--	--	--	--	--
52	8.0	11	75	--	--	290	--	.48	--	5500	--	310
75	9.9	6.9	160	.30	29	320	0	--	540	--	--	330
110	11	4.0	84	--	--	330	--	--	--	--	--	--
180	11	3.0	200	--	--	390	--	.76	--	100	--	320
120	15	140	700	--	--	440	--	--	--	--	--	--
75	9.0	6.0	230	--	--	500	--	--	--	--	--	--
200	12	4.0	480	--	--	370	--	.95	--	1600	--	190
86	6.8	55	640	.60	25	650	--	--	1500	--	--	0
120	.0	83	430	.20	29	420	--	--	1100	--	--	0
160	12	170	380	--	--	420	--	--	--	--	--	--
110	11	68	310	--	--	--	--	ND	--	40	--	210
110	11	68	310	--	--	--	--	--	--	--	--	210
370	32	190	1000	.10	2.6	370	--	--	2000	--	--	210
230	13	86	320	.10	27	500	0	--	1000	--	--	340
270	12	95	420	--	--	500	--	2.8	--	420	--	480
240	10	12	330	--	--	480	--	1.8	--	130	--	400
340	12	88	450	--	--	500	--	--	--	--	--	--
310	15	90	--	--	--	--	--	--	--	--	--	--
400	29	110	570	--	--	480	--	--	--	--	--	--
330	17	10	--	--	--	--	--	--	--	--	--	--
290	12	100	420	--	--	530	--	--	--	--	--	--
260	9.0	100	220	--	--	570	--	--	--	--	--	--
330	17	76	--	--	--	--	--	--	--	--	--	--
370	10	170	--	--	--	--	--	--	--	--	--	--
96	10	35	310	--	--	390	--	--	--	--	--	--
150	10	68	440	--	--	410	--	.06	--	1100	--	930
32	5.5	34	140	.20	23	370	0	--	560	--	--	170
500	8.3	150	420	.60	26	680	0	--	1500	--	--	1700
550	12	370	490	2.2	11	420	0	--	1700	--	--	4600
410	20	230	1100	.20	27	780	0	--	2600	--	--	890
52	8.1	6.1	63	.20	27	390	0	--	440	--	--	140
210	8.3	10	170	.40	27	420	0	--	660	--	--	740

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	COL- LECTING SAMPLE (00003)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00027)	TEMPER- ATURE (DEG C) (00028)	SPE- CIFIC CON- DUCTANCE (US/CM) (00010)	PH (STAND- ARD UNITS) (00095)	HARD- NESS (MG/L) (00400)	CALCIUM DIS- SOLVED (MG/L) (00900)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)
Tulare aquifer (cont.)											
116N69W27ACDA	08-29-77	70	1028	80020	11.5	900	7.3	360	96	28	
116N69W29CDD	08-29-77	38	1028	80020	9.0	4200	7.5	2000	400	240	
116N69W29CDD2	08-29-77	38	1028	80020	11.0	1750	7.4	380	110	25	
116N69W31BBDD	08-31-77	8	1028	80020	10.0	890	7.5	440	110	40	
116N70W11BAA	04-24-78	60	55555	1028	--	902	8.0	520	150	36	
116N70W32CDDC	10-01-78	88	55555	1028	--	486	7.1	260	72	19	
116N70W32CDD2	05-11-64	27	55555	1028	--	1750	--	800	140	110	
Pleistocene aquifer											
111N66W 2CCDD	06-26-79	32	46002	46002	--	892	7.8	520	100	62	
111N67W 6DA	05-19-75	300	55555	84913	--	4400	8.3	590	160	46	
111N68W 6AAA	09-08-48	19	1028	1028	11.0	810	7.5	440	110	40	
112N66W31AAC2	09-08-48	17	1028	1028	12.0	6560	7.2	3300	490	510	
112N66W36CCCC	09-21-77	15	46002	46002	--	2700	7.7	760	160	89	
112N67W18BBDB3	07- -53	116	55555	1028	--	--	7.6	350	98	25	
112N70W31CBD	06-03-57	50	55555	46001	--	1900	7.2	920	250	73	
114N71W 2CCBC	04-29-76	151	55555	84913	9.0	1340	7.9	110	31	7.6	
114N72W 1BBBB	08-25-77	136	55555	80020	13.0	950	7.5	190	54	14	
114N72W 4CBBB	08-25-77	125	55555	80020	10.0	1550	7.5	360	84	36	
114N72W 9DC	08-25-77	112	55555	1028	12.0	1850	7.3	230	65	17	
114N72W10C	09-03-76	145	55555	1028	--	2080	7.5	160	30	20	
114N72W10C2	09-03-76	160	55555	1028	--	3400	7.2	1500	330	170	
114N72W14DBC	08-25-77	54	55555	80020	12.5	2450	7.5	1200	330	96	
114N73W14DCB	08-30-77	24	55555	80020	13.0	2400	7.3	1100	280	96	
114N73W19ADDD	08-30-77	160	55555	80020	11.0	1040	7.8	210	58	16	
114N73W21ADD	08-24-77	130	55555	80020	10.0	2800	7.2	1400	260	180	
114N73W26BBBB	08-24-77	70	55555	80020	8.0	2000	7.3	760	160	87	
115N71W29AAB	08-25-77	245	55555	80020	12.0	2900	7.8	140	40	9.7	
115N71W33BBA2	08-25-77	33.	55555	80020	12.5	580	7.6	250	64	22	
116N67W 4BA	09-09-48	34	1028	1028	9.0	1840	8.0	1100	190	140	
116N68W 6AA	09-09-48	72	55555	1028	9.5	4160	7.4	1600	440	120	
Dakota aquifer											
109N67W15BCCC	06-18-75	1505	55555	84913	--	2420	7.5	1400	400	93	
109N69W 1DDCD	05-19-75	1492	55555	84913	--	3300	7.8	1300	370	82	
109N72W14BDBB	08- -63	1500	55555	1028	--	--	7.4	510	150	34	
109N72W32BBB	05-04-60	1500	1028	1028	--	2180	6.8	980	260	80	
--do--	04-18-67	1500	1028	1028	18.5	2690	--	1200	360	69	

	POTAS-	CHLO-		FLUO-	SILICA,	BICAR-		NITRO-	SOLIDS,	IRON,	MANGA-
SODIUM,	SIUM,	RIDE,	SULFATE	RIDE,	DIS-	BONATE	CAR-	GEN,	SUM OF	TOTAL	NESE,
DIS-	DIS-	DIS-	DIS-	DIS-	SOLVED	FET-FLD	BONATE	NITRATE	CONSTITUENTS,	RECOV-	TOTAL
SOLVED	SOLVED	SOLVED	SOLVED	SOLVED	(MG/L)	(MG/L)	(MG/L)	(MG/L)	TUENTS,	RECOV-	BORON,
(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	AS NA)	AS K)	AS CL)	AS SO4)	(UG/L)	RECOV-	DIS-
(00930)	(00935)	(00940)	(00945)	(00950)	AS NA)	AS K)	AS CL)	AS SO4)	AS N)	ERABLE	SOLVED
69	9.6	10	150	.30	29	420	0	--	600	--	--
380	16	180	2000	.40	28	440	0	--	3500	--	--
260	12	45	570	.40	29	340	0	--	1200	--	--
34	6.9	7.1	210	.20	29	350	0	--	610	--	--
15	5.0	12	210	--	--	300	--	--	--	--	--
12	7.0	4.0	39	--	--	240	--	--	--	--	--
82	10	100	550	--	--	310	--	--	--	--	--
63	6.0	2.0	180	--	--	440	--	.47	--	460	--
790	26	890	760	2.2	10	330	0	--	2900	--	--
18	8.4	13	130	1.2	31	420	--	--	560	--	--
560	4.4	430	1900	.60	37	530	--	--	4200	--	--
520	11	30	1200	--	--	520	--	.63	--	6100	--
--	--	80	660	--	--	560	--	ND	1600	200	--
96	22	46	570	--	--	710	0	--	1300	--	--
270	7.9	52	180	.50	25	550	0	--	850	--	--
150	8.9	9.3	160	.20	29	440	0	--	640	--	--
220	8.9	22	330	.30	28	560	0	--	1000	--	--
340	9.0	100	260	.40	28	740	0	--	1200	--	--
420	18	220	320	--	--	730	--	--	--	--	--
450	26	82	180	--	--	1060	--	--	--	--	--
160	14	93	1100	.30	26	400	0	--	2000	--	--
140	11	59	940	.10	25	350	0	--	1700	--	--
160	9.1	13	190	.30	29	450	0	--	700	--	--
150	9.2	180	970	.40	27	590	0	--	2100	--	--
210	9.9	71	780	.30	27	430	0	--	1600	--	--
610	12	620	100	.80	27	630	0	--	1700	--	--
31	5.3	3.4	72	.20	29	310	0	--	380	--	--
110	10	120	850	.30	26	320	--	--	1600	--	--
570	1.2	120	1800	.30	25	790	--	--	3500	--	--
110	23	130	1300	2.6	8.9	150	0	--	2200	--	--
300	27	300	1300	2.8	10	220	0	--	2500	--	--
370	16	70	1100	2.5	--	180	0	--	1800	--	--
150	17	90	1100	2.3	.8	23	0	--	1700	--	--
190	17	150	1300	3.2	3.2	0	0	--	2100	--	--
											310
											880
											--
											340
											310

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HAND AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	LECTING SAMPLE (CODE (00003)	AGENCY COL- LECTING SAMPLE (WELL NUMBER)	AGENCY ANA- LYZING SAMPLE (CODE (00027)	TEMPER- ATURE (DEG C) (00010)	SPECIFIC CON- DUCTANCE (US/CM) (00095)	SPE- CIFIC CON- DUCTANCE (STAND- ARD UNITS) (00400)	HARD- NESS (MG/L CACO ₃) (00900)	CALCIUM DIS- AS (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
Dakota aquifer (cont.)											
--do--	09-10-75	1500	55555	84913	20.5	1930	8.3	580	140	55	--
110N67W 7CBBB2	05-05-77	1450	46004	46004	--	2800	--	--	--	--	--
--do--	07-09-80	1450	46004	46004	--	2860	--	--	--	--	--
110N68W15DDCB	11-02-61	1565	55555	46001	--	3500	8.2	910	270	58	--
--do--	01-30-62	1565	55555	1028	--	2850	--	1200	360	61	--
110N72W 7BBAD	06-09-70	1820	1028	80020	--	2380	8.0	110	30	8.7	--
111N66W 9DA	09-20-48	1300	1028	1028	23.0	2840	7.3	--	--	--	--
111N66W21CCCA	09-10-75	1424	55555	84913	19.5	8500	7.2	1500	540	32	--
111N66W34BCB2	06-21-63	1150	55555	1028	--	3630	7.2	510	120	52	--
111N68W 7AAD3	05-19-75	1435	55555	84913	--	2300	8.0	900	240	72	--
112N66W29AABC2	05-19-75	1010	55555	84913	--	6000	8.4	76	18	7.2	--
112N67W32ADA	10-07-64	1115	55555	1028	--	3200	--	400	60	61	--
112N68W 2CA	03-12-65	1165	55555	1028	--	--	7.7	360	99	27	--
--do--	08-25-71	1165	55555	1028	--	--	7.7	360	110	24	--
--do--	12-16-75	1165	55555	1028	--	--	8.1	370	95	32	--
--do--	09-29-77	1165	55555	1028	--	2500	7.8	350	91	29	--
--do--	04-28-80	1165	55555	1028	--	2750	7.8	360	94	30	--
112N68W 3A	07-13-76	1215	55555	1028	--	2880	7.7	57	18	3.0	--
112N68W10ACCB	08-26-76	1100	55555	1028	--	--	7.3	530	140	44	--
112N68W10DCD	06-38	1250	55555	1028	--	--	--	720	190	58	--
--do--	05-23-55	1250	55555	1028	--	--	7.4	500	140	37	--
--do--	10-13-59	1250	55555	1028	--	--	7.5	740	210	54	--
--do--	08-25-71	1250	55555	1028	--	--	7.4	690	210	39	--
--do--	04-04-80	1250	55555	1028	--	2600	7.1	740	200	56	--
112N68W10DCDC	07-53	1125	55555	1028	--	--	7.7	760	220	53	--
--do--	10-13-59	1125	55555	1028	--	--	7.7	770	220	57	--
--do--	11-02-72	1125	55555	1028	--	--	7.7	810	240	53	--
--do--	12-16-75	1125	55555	1028	--	--	7.6	750	210	57	--
--do--	09-29-77	1125	55555	1028	--	2330	7.6	760	210	58	--
113N66W17BBAA	05-20-75	1048	55555	84913	20.0	2600	7.9	250	66	21	--
113N66W25DADA2	07-27-79	1195	55555	80020	19.0	2540	7.1	1400	390	93	--
--do--	05-12-80	1195	55555	80020	20.0	2660	--	--	--	--	--
113N67W 6ADA	05-01-51	1100	1028	1028	--	2220	6.8	880	320	20	--
113N69W 6DDBD	06-21-63	1334	1028	1028	22.0	2680	7.6	230	61	20	--
--do--	06-05-69	1334	1028	1028	20.0	2410	8.0	240	62	20	--
--do--	06-18-75	1334	1028	84913	20.0	2600	7.5	250	62	23	--
113N71W21CDBD	06-18-75	1445	55555	84913	--	3220	8.1	110	26	10	--
114N71W 4ACAC2	06-17-75	1464	55555	84913	19.0	2740	8.0	73	17	7.4	--
114N72W19CDDA	04-20-61	1622	1028	1028	--	2600	--	170	36	19	--
--do--	05-22-68	1622	1028	1028	--	2520	8.2	140	37	12	--

	POTAS-	CHLO-	SULFATE	FLUO-	SILICA,	BICAR-		NITRO-	SOLIDS,	IRON,	MANGA-
SODIUM,	SIUM,	RIDE,	SOLVED	RIDE,	DIS-	BONATE	CAR-	GEN,	SUM OF	TOTAL	NESE,
DIS-	DIS-	DIS-	SOLVED	DIS-	SOLVED	FET-FLD	BONATE	CONSTITUENTS,	DIS-	RECOV-	BORON,
SOLVED	(MG/L)	(00620)	(01045)	(01055)							
(00930)	(00935)	(00940)	(00945)	(00950)	(00955)	(00440)	(00445)	(00450)	(70301)	(01045)	(01020)
260	7.9	170	760	2.5	1.1	11	0	--	1400	--	--
--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--
280	--	130	1000	--	--	190	--	--	2000	--	--
140	7.0	90	1100	--	--	120	0	--	--	600	--
490	7.9	130	730	4.6	10	320	0	--	1600	--	--
--	--	210	1100	--	--	180	0	--	--	--	--
1400	19	2200	1300	2.4	9.0	55	0	--	5500	--	--
610	18	530	920	2.0	11	230	0	--	2400	--	--
210	22	68	1100	2.1	8.4	110	0	--	1800	--	800
1300	18	1600	6.8	2.4	10	630	0	--	3300	--	--
580	14	150	1200	--	--	280	--	--	--	--	--
520	17	93	1200	2.4	--	200	--	ND	--	100	ND
500	20	94	1100	2.1	--	200	--	ND	--	100	ND
500	17	98	1200	1.5	--	180	--	<1.0	--	5100	200
500	16	99	1100	2.0	--	190	--	<.10	--	2000	<100
490	16	98	1100	2.2	--	210	--	<.10	--	1500	<100
680	10	--	1000	--	--	300	--	--	--	--	--
430	19	88	1100	1.8	--	170	--	<1.0	--	600	<100
--	--	99	1200	2.4	16	--	--	--	--	100	ND
--	--	120	1200	2.7	--	200	--	ND	--	1400	--
380	21	96	1200	2.3	--	220	--	ND	--	1000	ND
350	18	85	1200	2.0	--	180	--	ND	--	1200	20
350	19	88	1100	2.1	--	170	--	.80	--	1500	100
--	--	90	1200	2.6	--	180	--	4.0	--	300	--
360	20	95	1200	2.4	--	220	--	ND	--	1500	ND
320	18	95	1200	2.0	--	190	--	ND	--	600	10
340	19	89	1200	1.5	--	190	--	<1.0	--	900	100
330	19	89	1200	1.7	--	180	--	<.10	--	3000	<100
510	12	150	880	2.4	10	270	0	--	1800	--	--
170	22	110	1300	.30	9.9	--	--	--	2200	2000	--
--	--	--	--	--	--	--	--	--	--	--	--
230	30	110	--	--	--	280	--	--	--	--	--
490	14	260	710	2.2	13	300	0	--	1700	1200	--
440	14	190	730	2.3	12	290	0	--	1600	30	--
440	16	190	740	2.5	12	280	0	--	1600	--	--
670	14	480	480	3.1	10	540	0	--	2000	--	6700
570	11	390	400	3.5	9.9	490	0	--	1700	--	--
500	6.0	380	450	2.6	--	280	0	--	--	--	--
490	14	350	450	2.0	11	300	0	--	1500	--	--
											4800

TABLE 3. -- CHEMICAL ANALYSES OF GROUND WATER IN HANDE AND HYDE COUNTIES - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET)	COL- LECTING SAMPLE (00003)	AGENCY LECTING SAMPLE (00027)	ANA- LYZING SAMPLE (CODE NUMBER) (00008)	TEMPER- ATURE (DEG C) (00010)	SPE- CIFIC CON- DUCTANCE (US/CM) (000095)	PH (STAND- ARD UNITS) (00400)	HARD- NESS (MG/L) ARD (00900)	CALCIUM SOLVED (MG/L) AS (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)
Dakota aquifer (cont.)											
115N66W13DCDC	05-21-75	1012	1028	84913	19.0	2700	8.0	140	36	11	
116N67W31DDDB	06-21-63	1143	1028	1028	20.0	2900	7.6	110	27	9.6	
--do--	06-05-69	1143	1028	1028	18.0	2560	7.8	180	31	25	
--do--	05-21-75	1143	1028	84913	21.5	2600	8.1	110	26	9.5	
--do--	07-17-80	1143	1028	84913	--	2650	--	--	--	--	
--do--	10-12-82	1143	1028	84913	--	2480	--	--	--	--	
--do--	07-05-83	1143	1028	84913	--	2710	--	--	--	--	
116N70W32CDD	06-03-75	1485	--	--	--	3500	7.3	1500	280	200	
111N73W10CBD	04-28-60	1855	55555	46001	--	2500	7.3	1500	430	110	
112N70W 9ACDD	06-27-67	1705	55555	46002	--	2500	8.1	1400	420	96	
113N66W 7ADD	05-20-75	1187	55555	84913	23.0	2500	7.4	1200	330	80	
113N66W32D	01-18-54	1260	1028	1028	--	--	--	760	220	52	
113N69W17BCCB	06-18-75	1545	1028	84913	25.0	2600	7.5	1400	400	95	
113N73W 9DBA	0- 62	1812	1028	1028	--	2490	7.3	1300	390	86	
Sundance aquifer											
112N66W29AABC3	05-19-75	1390	55555	84913	--	2450	7.5	1100	300	79	
112N73W33B	0- 68	2150	55555	1028	--	2420	6.9	1400	430	82	
112N73W33BAA	05-07-68	2050	55555	46002	--	2420	6.9	1400	430	82	
114N69W 8CDC	05-20-75	1603	1028	84913	29.0	2400	7.2	1400	410	97	
115N72W 1DDAA	06-11-75	1980	55555	84913	25.5	2450	7.2	1400	400	97	
116N70W 7ADA	04-27-57	1929	55555	46001	--	2200	7.4	1400	440	81	
--do--	07-28-79	1929	1028	80020	25.0	2370	7.0	1500	420	100	
--do--	05-13-80	1929	1028	80020	22.5	2380	7.0	--	--	--	
116N72W18DAAB	09-14-62	1969	1028	1028	21.0	2400	7.4	1400	420	95	
--do--	05-08-69	1969	55555	1028	21.0	2430	7.9	1400	400	94	
--do--	06-17-75	1969	55555	84913	22.0	2430	7.1	1500	420	95	
Minnelusa aquifer											
109N70W 4BABD	05-19-75	1945	55555	84913	28.0	2400	7.3	1500	420	97	
--do--	07-24-79	1945	55555	80020	27.0	2410	6.8	1500	430	100	
--do--	05-14-80	1945	55555	80020	25.5	2430	6.9	--	--	--	
109N73W12BDCCB	05-27-69	2140	1028	80020	28.0	2360	7.8	1400	400	94	
--do--	09-10-75	2140	55555	84913	29.0	2320	7.4	1500	420	99	
110N71W11ABAA	06-17-75	2156	55555	84913	24.0	2420	7.2	1400	420	97	
114N67W29ADAA	05-20-75	1430	1028	84913	23.0	2400	7.3	1400	400	100	
114N71W29CDDC	06-18-75	1820	55555	84913	--	2430	7.1	1400	400	97	
115N68W20BAAB	05-21-75	1600	1028	84913	29.0	2450	7.3	1300	400	76	

SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BICAR- BONATE (MG/L AS HCO3) (00440)	CAR- BONATE (MG/L AS CO3) (00445)	NITRO- GEN, CAR- BONATE (MG/L AS NO3) (00620)	SOLIDS, SUM OF CONSTITUENTS, TOTAL DIS- SOLVED (MG/L AS Fe) (70301)	IRON, RECOV- ERABLE (UG/L AS Mn) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS Mn) (01055)	BORON, DIS- SOLVED (UG/L AS B) (01020)
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560	11	190	790	2.3	9.8	300	0	--	1800	--	--	2100
560	10	280	620	3.0	12	390	0	--	1700	--	--	2300
520	12	270	610	2.4	11	380	0	--	1700	--	20	4500
540	9.7	270	520	2.8	11	410	0	--	1600	--	--	4500
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
220	13	330	510	.10	24	470	0	--	1800	--	--	800
74	20	82	1100	--	--	240	4	--	2300	--	--	--
83	20	80	960	--	--	--	--	--	--	--	--	--
170	22	94	1200	2.7	10	160	0	--	2000	--	--	280
450	--	320	1100	2.8	13	E150	0	--	2300	--	--	--
70	22	81	1300	2.8	10	170	0	--	2100	--	--	200
130	19	62	1300	3.1	12	170	0	--	2100	--	--	380
200	21	96	1200	2.5	12	160	0	--	2000	--	--	740
61	19	620	--	--	--	--	--	--	--	--	--	--
61	19	62	1400	--	--	--	--	--	--	--	--	--
73	21	84	1300	3.0	11	170	0	--	2100	--	--	210
56	19	75	1300	3.3	11	180	0	--	2100	--	--	170
69	23	110	1200	--	--	180	0	--	2200	--	--	--
69	20	72	1300	.30	11	180	0	--	2100	2200	--	210
--	--	--	--	--	--	--	--	--	--	--	--	--
76	18	72	1300	3.6	11	180	0	--	2100	--	--	170
79	20	70	1300	2.8	11	190	0	--	2100	--	--	140
67	19	83	1300	3.0	10	170	0	--	2100	--	--	170
56	20	80	1300	3.0	12	170	0	--	2100	--	--	170
59	20	75	1400	3.2	11	190	0	--	2200	2500	--	170
--	--	--	--	--	--	--	--	--	--	--	--	--
69	17	74	1300	2.9	13	190	0	--	2100	--	--	120
63	18	82	1300	2.9	11	170	0	--	2100	--	--	150
53	21	75	1300	3.0	14	170	0	--	2100	--	--	200
87	21	94	1300	3.0	12	170	0	--	2100	--	--	240
64	20	81	1300	3.0	11	170	0	--	2100	--	--	180
86	22	92	1200	3.0	12	170	0	--	2000	--	--	280